



09-22-03

7200

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Thomas W. Bakker et al.

Appln. No. : 09/889,726 ✓

Filed : July 18, 2001

Title : PIPE HANDLING APPARATUS AND  
METHOD

Docket No. : W422.312-007

Group Art Unit:

Examiner:

**EXPRESS MAIL COVER SHEET**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SENT VIA EXPRESS MAIL**

Express Mail No.: EV 302260704 US

Sir:

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent  
and Trademark Office on the date shown below:

1. Itemized Return Receipt Postcard
2. Petition to Withdraw Any Holding of Abandonment Based on Failure to  
Send Office Action to Correct Address, and/or Reset Date of Mailing to  
August 8, 2003 (3 pages) (Exhibits A-G)

**RECEIVED**

SEP 29 2003

Respectfully submitted,


KINNEY &amp; LANGE, P.A.

**GROUP 3600**

Date:

September 18, 2003

By

  
Jeffrey D. Shewchuk, Reg. No. 37,235  
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Minneapolis, MN 55415-1002  
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Fax: (612) 339-6580



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#94 Withdrawal  
of Abandonment  
E. H. Hines  
2/24/04

First Named  
Inventor : Thomas W. Bakker et al.  
Appln. No. : 09/889,726  
Filed : July 18, 2001  
Title : PIPE HANDLING APPARATUS AND  
METHOD  
Docket No. : W422.312-007

Group Art Unit:  
Examiner:

**PETITION TO WITHDRAW ANY HOLDING OF ABANDONMENT  
BASED ON FAILURE TO SEND OFFICE ACTION TO CORRECT  
ADDRESS, AND/OR RESET DATE OF MAILING TO AUGUST 8, 2003**

MS Petition  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SENT VIA EXPRESS MAIL**

Express Mail No.: EV 302260704 US

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SEP 29 2003

**GROUP 3600**

Sir:

Pursuant to Section 711.03(c)(II) of the Manual of Patent Examining Procedure ("MPEP"), Petitioner files this petition to withdraw any holding of abandonment based on failure of the United States Patent and Trademark Office ("Office") to send an Office Action to the correct address.

On Thursday, August 7, 2003 Examiner Giavanna Collins (703-306-5707) of the Office contacted Petitioner's attorney by telephone to inquire whether Petitioner had responded to an Office Action dated February 3, 2003. Petitioner's attorney stated that no such Office Action was ever received. Upon further conversation with Ms. Collins, it was determined the Office Action was mailed to Petitioner's attorney's previous address of Suite 1500, 625 Fourth Ave. South, Minneapolis, MN 55415 instead of the current address 312 South Third Street, Minneapolis, MN 55415, which changed back in 1998. The only document in the file which contained the previous address was the inventor's Declaration prepared in the Netherlands, and Petitioner conjectures that the Office changed the correspondence address responsive solely to this outdated Declaration. Ms. Collins agreed to fax Petitioner's attorney the Office Action, which was received on August 8, 2003. (See Exhibit A). Ms. Collins indicated that the case was technically abandoned due to the failure

to respond, and a petition would be necessary to reinstate the application. To date, Petitioner has yet to receive any Notice of Abandonment.

Reasons as to how the incorrect address was entered into the file are unclear, because the correct address was initially entered into the file and there were two correctly addressed communications sent by the Office in regard to the above-identified application previous to the allegedly sent Office Action. Those communications include a Notice to File Missing Parts mailed on August 24, 2001 (included herewith as Exhibit B) and Notice of Recordation of Assignment mailed on March 14, 2002 (included herewith as Exhibit C), both of which were mailed to the correct address. A review of the file wrapper indicates that there was no change of address form filed, as required by MPEP §601.03, and Petitioner attests to the fact that no such form was ever filed.

As further evidence that Petitioner did not receive the Office Action alleged by Ms. Collins to have been mailed on February 3, 2003, included herewith are also:

- 1) February, 2003 mail log of Kinney & Lange, PA, whose ordinary business routine includes documenting all mail received from the U.S. Patent and Trademark Office. (Exhibit D)
- 2) March, 2003 docketing report which would have contained a three-month docketing reference of May 5, 2003 to the above-identified application (internal docket number W422.312-007) under attorney Jeffrey D. Shewchuk ("JDS"). (Exhibit E)
- 3) April, 2003 docketing report which would have contained a three-month docketing reference of May 5, 2003 to the above-identified application (internal docket number W422.312-007) under attorney JDS. (Exhibit F)
- 4) May, 2003 docketing report which would have contained a three-month docketing reference of May 5, 2003 to the above-identified application (internal docket number W422.312-007) under attorney JDS. (Exhibit G)

Neither the mail log nor any of the docketing reports contain any reference to the above-identified application (W422.312-007). Thus, in summary, Petitioner did not receive the Office Action alleged by Ms. Collins to have been mailed on February 3, 2003 in regard to the above-identified application. It is believed that such an Office Action, if mailed, was incorrectly sent to the wrong address. Furthermore, a search of the file jacket for the above-identified application did not produce the Office Action. Finally, both the mail log and the docketing records indicate that the Office Action was not received. Because more than six months have passed since the Office Action

was allegedly mailed, Petitioner respectfully requests that any holding of abandonment that may have occurred be withdrawn based on the failure to receive an Office Action or Notice of Abandonment. Alternatively, since Petitioner received a fax version of the Office Action on August 8, 2003, Petitioner requests that the date of mailing be reset to that date.

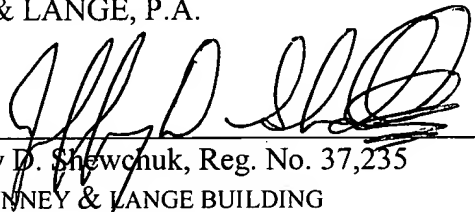
The Commissioner is authorized to charge any additional fees associated with this paper or credit any overpayment to Deposit Account No. 11-0982.

Respectfully submitted,

KINNEY & LANGE, P.A.

Date: September 18, 2003

By: \_\_\_\_\_

  
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JDS:DRD:eav





**U.S. Department of Commerce**  
**Patent and Trademark Office**  
**Assistant Commissioner of Patents**  
Technology Center 3600  
2451 Crystal Drive, Arlington VA



### FAX COVER SHEET

To: Jeff Shewchuck From: Giovanna Collins  
Fax: 612-339-6580 Art Unit: 3679  
Serial No.: 09/889726 Date: 8/8/03  
CC: Phone No.: 703-306-5707

☐ Urgent ☐ For Review

☐ Please Comment

☐ Please Reply

☒ Per Your Request

Number of Pages 14, including this page.

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**GROUP 3600**

SEP 18 2003

Office Action Summary

Application No.

09/889,726

Examiner

Giovanna M. Collins

Applicant(s)

BAKKER ET AL.

Art Unit

3679

The MAILING DATE of this communication appears on the cover sheet with the correspondence address -  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 and 26-29 is/are rejected.
- 7) ☒ Claim(s) 25 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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## **DETAILED ACTION**

### ***Specification***

1. The disclosure is objected to because of the following informalities: On page 9, line 24 "well head 1" should be changed to - - well head 13 - -.

Appropriate correction is required.

### ***Drawings***

2. The drawings are objected to because In Fig. 1 the lead line for the element 8 next to element 5 is not pointing to the tube as described in the specification. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

### ***Claim Objections***

3. Claims 1, 24 and 25 are objected to because of the following informalities:  
  
In line 6 of claim 1, the phrase "said tube from said connecting area towards" should be removed. Appropriate correction is required.  
  
In line 2, of claim 24, the phrase "with." should be changed to - - with, - -.  
  
In lines 4 and 5 of claim 25, the phrase " at partially curved path" should be changed to -  
- at least partially curved path - -.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-7, 17, and 19-21 and 26 are rejected under 35 U.S.C. 102(b) as being anticipated by Sizer ('345).

Sizer discloses (see Fig. 1) a method for introducing a tube into a borehole in the ground, comprising the actions of comprising said tube (T) by connecting successive tube parts (15) end-to-end in a connecting area (20), and axially displacing at least a composed section of said tube from said connecting area towards said borehole and introducing at least a substantial portion of said tube or said composed section thereof into said borehole, said connecting area being located at least horizontally spaced away from the borehole, and said axial displacement of said tube or said composed section thereof from said connecting area to said borehole proceeding along an at least partially curved path (at 18), characterized in that said connection of successive tube parts end-to-end into said tube is completed before said tube is brought in communication with said borehole.

Referring to claim 2, Sizer discloses wherein said path (18) along which said tube (T) or said composed section thereof is displaced includes at least one complete winding.

Referring to claim 3, Sizer discloses wherein said path (18) along which said tube or said composed section thereof is displaced includes at least a spiral or helical portion (at 18).

Referring to claim 4, Sizer discloses wherein said tube parts (15) are oriented at an angle to a topmost portion of said borehole (at 11) during said connection of said tube parts.

Referring to claim 5, Sizer discloses wherein said tube parts (15) are oriented substantially horizontally during said connection of said tube parts.

Referring to claim 6, Sizer discloses wherein said tube (T) or said composed section thereof is plastically bent to a curved shape (at 18) where it enters a curved portion of said path.

Referring to claim 7, Sizer discloses wherein plastically bent portions of said tube (T) or said composed section thereof are plastically straightened where it leaves said curved portion of said path.

Referring to claim 17, Sizer discloses (see fig 1) a method for retracting or removing (see col. 1, lines 19-30) a tube from a borehole in the ground, comprising the actions of retracting at least a substantial portion of said tube from said borehole, axially displacing said tube from said borehole towards a connecting area (see col. 7, lines 5-8), and disconnecting tube parts from said tube in said connecting area (see col. 7, lines 55-57), said connecting area being located at least horizontally spaced away from the borehole, and that said axial displacement of said tube from said borehole to said connecting area proceeding along an at least partially curved path, characterized in that portions of said tube or said composed section thereof proceeding along said curved path are bent to a curved shape, in exclusively one direction relative to that portion of said tube.

Referring to claim 19, Sizer discloses an installation for composing a tube and introducing same via a well head into a borehole in the ground, comprising a connection structure (20) for composing the tube (T) by connecting successive tube parts (15) end-to-end in a connecting area, and a transport structure (16) for axially displacing said tube or a composed section thereof from the connection structure towards the well head (11), and for introducing at least a substantial portion of said tube or said composed section thereof into said well head, said connecting area being located at least horizontally spaced away from said well head, and said

transport structure being arranged for axially displacing said tube or said composed section thereof along an at least partially curved path (at 18), characterized in that said transport structure is arranged for bending each portion of said tube or said composed section thereof to a curved shape in exclusively one direction relative to that portion of said tube.

Referring to claim 20, Sizer discloses wherein said connection structure (20) is provided with a passage (at 25) for receiving a tube part (15) to be connected, said passage being located out of alignment with the well head, and said passage being oriented at an angle with respect to the well head.

Referring to claim 21, Sizer discloses wherein said passage (at 25) is oriented horizontally.

Referring to claim 26, Sizer discloses wherein said transport structure (16) is arranged for keeping said tube (T) in an at least spirally or helically curved configuration.

6. Claims 9-12 and 14 are rejected under 35 U.S.C. 102(b) as being anticipated by Priestman et al. ('616).

Priestman et al. disclose (See Fig. 2) a method for introducing a tube into a borehole in the ground, comprising the actions of composing said tube (12) by connecting successive tube parts end-to-end in a connecting area (see col. 4, lines 20-24), and axially displacing at least a composed section of said tube from said connecting area towards said borehole and introducing at least a substantial portion of said tube or said composed section thereof into said borehole, said connecting area being located at least horizontally spaced away from the borehole (see col. 4, lines 20-24), and said axial displacement of said tube or said composed section thereof from

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said connecting area to said borehole proceeding along an at least partially curved path (at 29), characterized in that portions of said tube or said composed section thereof proceeding along said curved path are bent into at most one single curve.

Referring to claim 10, Priestman et al. disclose wherein said tube (12) or said composed section thereof is plastically bent to a curved shape where it enters a curved portion of said path, wherein plastically bent portions of said tube or said composed section thereof are plastically straightened (at 15) where it leaves said curved portion of said path, and wherein said plastical straightening of said tube or said composed section thereof when leaving said curved portion of said path occurs a single time at most for each portion of said tube or said composed section thereof.

Referring to claim 11, Priestman et al. disclose herein portions of said tube or said composed section thereof proceeding along a curved section of said path are in an at least elastically deformed condition (see Fig. 2, at element 12 before entering element 28).

Referring to claim 12, Priestman et al. disclose a method for introducing a tube into a borehole in the ground, comprising the actions of composing said tube by connecting successive tube parts end-to-end in a connecting area (see col. 4, lines 20-24), and axially displacing at least a composed section of said tube from said connecting area towards said borehole (11) and introducing at least a substantial portion of said tube or said composed section thereof into said borehole (see Fig. 2), said connecting area being located at least horizontally spaced away from the borehole (see col. 4, lines 20-24), and said axial displacement of said tube or said composed section thereof from said connecting area to said borehole proceeding along an at least partially

curved path (at 28), characterized in that each portion of said tube or said composed section thereof is bent to a curved shape in exclusively one direction relative to that portion of said tube.

Referring to claim 14, Priestman et al. disclose wherein said connecting of said the tube parts is carried out by welding (see col. 4, lines 20-24).

***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sizer ('345).

Sizer discloses the method according to claim 6 but does not disclose that maximum total deformation during said bending into said curved shape is less than 2%. However, it has been held that where the general conditions of a claim are disclosed in the prior art discovering the optimum range or workable ranges involves only routine skill in the art. In re Killing, 895 F.2d 1147, 14 USPQ2d 1056. Therefore it would be obvious to one skilled in the art at the time of the invention to modify Sizer to have the maximum total deformation during the bending into a curved shape to be less than 2%.

9. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Priestman et al. ('616) in view of Pringle ('471).



Priestman et al. discloses the method according to claim 12 but does not disclose that the borehole is held sealed against the tube and wherein an overpressure prevails under the sealing. Krall teach (see Fig. 3) wherein a borehole (2) is held sealed (at 61) against a tube in the area of a well head and an over pressure prevails under the sealing. Krall teach that the seal is a blowout preventer (see col. 4, line 39-41). Blowout preventers are well known in art. Therefore it would be obvious to one skilled in the art at the time of the invention to modify the method disclosed by Priestman et al. to use a blowout preventer to seal the bore against the tube as taught by Krall because blowout preventers are common in the art.

10. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Priestman et al. ('616).

Priestman et al. discloses the method of claim 14 but does not disclose the welding occurs in a screened space. However, welding normally takes place in a screened space to protect the surrounding area from stray sparks. Therefore it would be obvious to modify Priestman et al. to have the welding occur in a screen space to protect the surrounding area from stray sparks.

11. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Priestman et al. ('616) in view of Sizer ('345)

Priestman et al. disclose a method for retracting or removing a tube from a borehole in the ground, comprising the actions of retracting at least a substantial portion of said tube (12) from said borehole (see col. 4, lines 11-14), axially displacing said tube from said borehole (11) towards a connecting area, said connecting area being located at least horizontally spaced away from the borehole, and that said axial displacement of said tube from said borehole to said

connecting area proceeding along an at least partially curved path, characterized in that portions of said tube or said composed section thereof proceeding along said curved path are bent into at most one single curve (at 38). Priestman et al. does not disclose and disconnecting tube parts from the tube in the connecting area. Sizer teaches a method of removing a tube from a borehole (see col. 7, lines 5-8) and disconnecting tube parts from said tube in said connecting area (see col. 7, lines 55-57). Sizer teaches that the tube parts are disconnected in order to store them (see col. 7, lines 31-34). Therefore it would be obvious to one skilled in the art at the time of the invention to modify the method disclosed by Priestman et al. to disconnect the tube parts from the tube as taught by Sizer in order to store the tube parts.

12. Claims 18-19,22-24,27-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Priestman et al. ('616) in view of Pringle et al. ('951).

Priestman et al. disclose (see Fig. 2) an installation for composing a tube and introducing same into a borehole in the ground, comprising a connection structure (see col. 4, lines 20-24) for composing the tube (12) by connecting successive tube parts (see col. 4, lines 20-24) end-to-end in a connecting area, and a transport structure (28) for axially displacing said tube or a composed section thereof from the connection structure towards a bore hole (11), and for introducing at least a substantial portion of said tube or said composed section thereof into said well head, said connecting area being located at least horizontally spaced away from, and said transport structure being arranged for axially displacing said tube or said composed section thereof along an at least partially curved path (at 28), characterized in that said transport structure is arranged for bending portions of said tube or said composed section thereof proceeding along

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said curved path into at most one single curve. Priestman et al. does not disclose a well head. Pringle et al. teach that well heads are well known in the art (see col. 3, lines 1-3). Therefore it would be obvious to one skilled in the art at the time of the invention to modify Priestman et al. to have a well head as taught by Pringle et al. because they are well known in the art.

Referring to claim 19, Priestman et al. disclose (see Fig. 2) an installation for composing a tube and introducing same into a borehole in the ground, comprising a connection structure (see col. 4, lines 20-24) for composing the tube (12) by connecting successive tube parts (see col. 4, lines 20-24) end-to-end in a connecting area, and a transport structure (28) for axially displacing said tube or a composed section thereof from the connection structure towards a bore hole (11), and for introducing at least a substantial portion of said tube or said composed section thereof into said well head, said connecting area being located at least horizontally spaced away from, and said transport structure being arranged for axially displacing said tube or said composed section thereof along an at least partially curved path (at 28), characterized in that said transport structure is arranged for bending each portion of said tube or said composed section thereof to a curved shape in exclusively one direction relative to that portion of said tube.

Priestman et al. does not disclose a well head. Pringle et al. teach that well heads are well known in the art (see col. 3, lines 1-3). Therefore it would be obvious to one skilled in the art at the time of the invention to modify Priestman et al. to have a well head as taught by Pringle et al. because they are well known in the art.

Referring to claim 22, Priestman et al. disclose wherein said transport structure comprises: a bending machine (28) for plastically bending tube material to a curved form, having

an inlet for leading in tube material to be bent, in line with a portion of said path section connected to and downstream of said connection structure.

Referring to claim 23, Priestman et al., as modified, disclose wherein said transport structure further comprises a bending-back machine (15) for plastically straightening tube material from a curved form to an at least straighter form, said bending-back machine having an outlet for leading out tube material, located in line with a well head.

Referring to claim 24, Priestman et al., as modified, disclose wherein said bending machine (28) is reciprocable between a run-in position with an inlet for leading in tube material (12) to be bent in line with, a supply path section connected to and downstream of the connection structure, and a run-out position along a vertical portion (see Fig. 2, at element 12 to the left) of said path substantially parallel to a main passage of a well head.

Referring to claim 27, Pringle et al. teach a sealing (see col. 2, lines 65-68) for sealing a well head against a tube or a composed section thereof for preventing fluid from flowing out of a borehole.

Referring to claim 28, Priestman et al. disclose wherein said connection structure (see col. 4, lines 20-24) is in the form of a welding device.

Referring to claim 29, Priestman et al., as modified, discloses the installation of claim 28 but does not disclose that the welding device has a screening surrounding the welding device. However, welding devices normally have screening surrounding them to protect the surrounding area from stray sparks. Therefore it would be obvious to modify Priestman et al. to have the welding device be surrounded with screening to protect the surrounding area from stray sparks.

*Allowable Subject Matter*

13. Claim 25 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

14. The following is a statement of reasons for the indication of allowable subject matter: It would not be obvious to modify Priestman et al. to have the at least partially curved path have a smallest radius, and the bending machine arranged for applying a plastic deformation which results in a radius in unloaded condition that is greater than the smallest radius of the at least partially curved path.

*Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Giovanna M. Collins whose telephone number is 703-306-5707. The examiner can normally be reached on 7:30-4 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne H. Browne can be reached on 703-308-1159. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9326 for regular communications and 703-872-9327 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.

Application/Control Number: 09/889,726

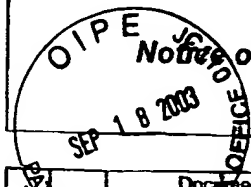
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Page 13

gmc

January 24, 2003

**Lynne H. Browne**  
**Supervisory Patent Examiner**  
**Technology Center 3670**



# Notice of References Cited

Application/Control No.

09/889,726

Applicant(s)/Patent Under  
Reexamination  
BAKKER ET AL.

Examiner

Giovanna M. Collins

Art Unit

3679

Page 1 of 1

## U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-2,056,471	10-1936	Krall	175/98
B	US-2,548,616	04-1951	Priestman et al.	175/103
C	US-5,394,951	03-1995	Pringle	175/61
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

## FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N					
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P					
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R					
S					
T					

## NON-PATENT DOCUMENTS

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\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



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AUG 27 2001

KINNEY &amp; LANGE, P.A.

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO. 99/726

BANKRUPT APPLICANT

ATTY. DOCKET NO. W422.312-7

09/889726

5071

INTERNATIONAL APPLICATION NO. 99/00366 ✓

KINNEY & LANGE  
THE KINNEY & LANGE BUILDING  
312 SOUTH THIRD STREET  
MINNEAPOLIS MN 55415-1002

I.A. FILING DATE

PRIORITY DATE

06/11/99

01/19/99 ✓

08/24/01

D. 10-24-2001 10:28 +  
2-24-02

DATE MAILED:

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):

- ☒ U.S. Basic National Fee. ☐ Indication of Small Entity Status.  
☒ Copy of the international application. ☐ Translation of the international application into English.  
☐ Oath or Declaration of inventors(s). ☐ Translation of Article 19 amendments into English.  
☐ Copy of Article 19 amendments. ☐ Other:  
☒ Priority Document.  
☐ The International Preliminary Examination Report in English and its Annexes, if any.  
☐ Translation of Annexes to the International Preliminary Examination Report into English.

2. ☐ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

- ☐ U.S. Basic National Fee. ☐ Copy of the international application.

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.  
☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.  
☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).  
☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.  
☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.  
☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

4. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.5. ☐ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.**ALL OF THE ITEMS SET FORTH IN 3(a)-(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.  
 7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

***A copy of this notice MUST be returned with this response.***

- Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation  
☐ PTO-875 ☐ PCT/DO/EO/920

Lamont Hunter, Paralegal

Telephone: 703.305-3686

FORM PCT/DO/EO/905 (March 2001)

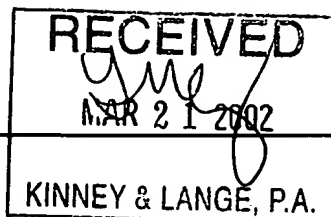
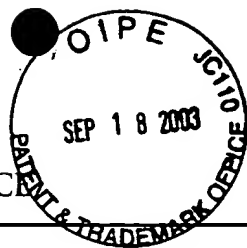
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**GROUP 360****EXHIBIT**

B





UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



MARCH 14, 2002

PTAS

Chief Information Officer  
Washington, DC 20231  
www.uspto.gov

KINNEY & LANGE, P.A.  
JEFFREY D. SHEWCHUK  
312 SOUTH THIRD STREET  
MINNEAPOLIS, MN 55415-1002



\*101955780A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/24/2001

REEL/FRAME: 012477/0145  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
BAKKER, THOMAS WALBURGIS

DOC DATE: 08/02/2001

ASSIGNOR:  
KOSTER, EGBERT

DOC DATE: 09/06/2001

ASSIGNOR:  
VAN ONNA, MARTINUS BERNARDUS  
STEFANUS

DOC DATE: 09/27/2001

ASSIGNOR:  
ALTMANN, KLAUS

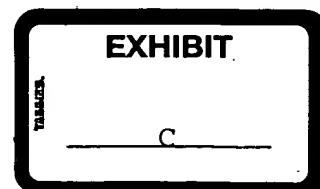
DOC DATE: 08/02/2001

ASSIGNOR:  
PLATJE, BEREND HARM

DOC DATE: 09/06/2001

ASSIGNEE:  
WELL ENGINEERING PARTNERS B.V.  
TYNAARLOSESTRAAT 68  
VRIES, NETHERLANDS NL-9481 AE

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SEP 29 2003  
GROUP 3600



012477/0145 PAGE 2

SERIAL NUMBER: 09889726  
PATENT NUMBER:

FILING DATE: 10/24/2001  
ISSUE DATE:

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

01-23-2002



OIP REGD PCT PTO

24 OCT 2001

PAT



101955780

Attorney: [illegible]  
W422.312-7

09/889726

To the Commissioner for Patents: Please record the attached original document or copy thereof.

## 1. Name of conveying party(ies):

- (1) Thomas Walburgis Bakker  
 (2) Egbert Koster  
 (3) Martinus Bernardus Stefanus Van Onna  
 (4) Klaus Altmann  
 (5) Berend Harm Platje

10/24/01

## 2. Name and address of receiving party(ies):

Name: Well Engineering Partners B.V.

Internal Address: \_\_\_\_\_

Street Address: Tynaarloestraat 68City: Vries, State: The Netherlands ZIP NL-9481 AEAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger ☐ Security Agreement  
☐ Change of Name ☐ Other \_\_\_\_\_

Execution Date: August 2, 2001, September 6, 2001, September 27, 2001Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4A. Application No.(s)

09/889,726

If this document is being filed together with a new application, the execution date(s) of the application is: August 2, 2001, September 6, 2001, September 27, 2001

Additional numbers attached? ☐ Yes ☒ No

## 4B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jeffrey D. Shewchuk  
 Street Address: Kinney & Lange, P.A.,  
312 South Third Street  
 City: Minneapolis State: MN ZIP 55415-1002

## 6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41):.....\$ 40.00

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01/16/2002 UEDUVIJE 00000134 09889726

02 FC:581

40.00 OP

DO NOT USE THIS SPACE

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GROUP 3600

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey D. Shewchuk

October 23, 2001  
 Date

Total number of pages including cover sheet, attachments and document: [4]



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February 3, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
S51.28-0005			01/27/03	PC
H544.22-0004	76/383080	03/18/02	01/27/03	PC
C176.22-0003			01/27/03	PC
S552.28-0003			01/24/03	PC
B786.28-0002	76/202235		01/24/03	PC
E252.12-0001			01/24/03	PC
S603.22-0098			01/24/03	PC
E229.322-0002	75/607571	12/17/98	01/27/03	PC
T372.22-0011			01/27/03	PC
E229.322-0001	75/607570	12/17/98	01/27/03	PC
P405.12-0002	09/809453	07/31/01	01/27/03	PC
M507.12-0014	09/805852	03/14/01	01/24/03	PC
J162.12-0004	29/156116	02/21/02	01/27/03	PC
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R635.22-0001	76/316067	09/21/01	01/24/03	PC
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GROUP 3600

EXHIBIT

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LL25.13-0001

RESPONSE DUE

LL31.23-0001

RESPONSE DUE

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February 4, 2003

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E238.012-005	60/440197	01/15/03	01/31/03	FR
L535.012-002	10/240988	04/05/01	01/30/03	FORMALITIES LETTER
R120.012-026	09/130039	04/05/01	01/30/03	GRANTED PATENT
N247.012-027	09/677170	10/02/00	01/29/03	NOTE ALLOW

**FOREIGN MAIL**

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RENEWAL  
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PTO MAIL RECEIVED February 5, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
NO PTO MAIL				

SUPPLEMENTAL

M278.13-0038

REQ FOR EXAMINATION

***FOREIGN MAIL***

H550.13-0112

RESPONSE

C348.13-0131

RESPONSE

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C532.322-0001	75/913543	02/09/00	01/27/03	PC
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	74/206235		01/21/03	NOTE ACCEPT NOTE ACKNOW
	75/111616		01/29/03	NOTE ACCEPT NOTE ACKNOW
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**FOREIGN MAIL**

G264.13-0005

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CERT OF REG

REGISTRATION EXPIRES

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SUPPLEMENTAL

P444.22-0004

CERT OF REG

**FOREIGN MAIL**

N95.13-0006

OFFICE ACTION

PTO MAIL RECEIVED February 10, 2003

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U43.12-0065	10/115158	04/03/02	02/03/03	NOTE OF REC
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OPPOSITION# 91152029			02/04/03	OPPOSITION
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E33.12-0065	07/984303	12/01/92		MAIN FEE
	76/413777		02/05/03	NOTE OF PUB 12(a)
	75/891677		02/05/03	NOTE OF PUB 12(a)
	76/349035		02/05/03	NOTE OF PUB 12(a)
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	09/303951	05/03/99	02/07/03	NOTE OF ABANDON
H564.13-0001	PCT/US01/29628	09/21/01	02/06/03	PCT
T382.22-0002	76/487571		02/05/03	PC
S834.22-0002	76/486778		02/03/03	PC
S834.22-0001	76/486779		02/03/03	PC
I69.12-0545	10/352744		01/26/03	PC
A431.22-0001	76/486301		01/31/03	PC
	09/502268	02/11/00	02/04/03	SOFT/HARD PATENT

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	09/454801	12/03/99	02/04/03	HARD PATENT
	09/862776	05/21/01	02/04/03	HARD PATENT
	76/368062	02/07/02		CERT OF REG
	76/345043	12/04/01		CERT OF REG
O119.12-0007	09/550814	04/18/00	02/05/03	OA
A425.12-0002	10/325498	12/19/02	02/04/03	FR/MISS PART
R383.12-0012	60/427107	11/18/02	02/03/03	CORR. FR
	76/031349		02/05/03	EXAMINER'S AMENDMENT
T257.322-0001	76/032073		02/05/03	EXAMINER'S AMENDMENT
C555.22-0001	76/283606		02/05/03	NOTE APPR. OF EXT. REQ.
S603.22-0115	76/483639	01/21/03	02/04/03	FR
S603.22-0114	76/483638	01/21/03	02/04/03	FR
O119.22-0017	76/483693	01/16/03	02/04/03	FR
B787.22-0003	76/483768	01/17/03	02/04/03	FR
	76/323054	10/09/01	02/03/03	GRANTED EXT. OF TIME
A815.312-0001	10/299993	11/19/02	02/05/03	UPDATED FR
	74/301719		02/02/03	NOTE ACCEPT
	74/301719		02/02/03	NOTE RENEWAL
	74/588740		02/02/03	SEC. 8 & 15
K307.12-0002	09/908073	07/18/01	02/06/03	ADVISORY ACTION
C562.12-0001	10/062355	02/01/02	02/06/03	RESPONSE TO 312 COMMUNICATIO N

G312.312-0003	10/181/091	11/13/02	02/04/03	FR
	76/210068		02/07/03	EXAMINER'S AMENDMENT
P440.12-0002	10/255561	09/25/02	02/06/03	UPDATED FR
M857.12-0010	10/323710	12/18/002	02/05/03	FR/MISS PART
M755.12-0012	09/892193	06/26/01	02/04/03	NOTE ALLOW AND FEES DUE
	76/167257		02/07/03	EXAMINER'S AMENDMENT
	1,798,880		02/06/03	POST REG. OA
	1,725,415		02/05/03	POST REG. OA

***FOREIGN MAIL***

M857.13-0004

RESPONSE

M278.13-0039

ANNUITY FEE

PTO MAIL RECEIVED February 11, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
I69.12-0361	09/071611	05/01/98	02/07/03	PC
	6,370822	04/16/02	02/04/03	CERT OF CORR
A431.22-0002			01/31/03	PC
B771.12-0001	09/833324	04/12/01	02/07/03	OA
	74/579856		02/03/03	SEC. 8 & 15

***FOREIGN MAIL***

NO FOREIGN DOCKETING



PTO MAIL RECEIVED      February 12, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
S70.12-0006	10/121459	04/12/02	02/05/03	PC
	76/344570		02/06/03	NOTE ABANDONMENT
	09/957194	09/19/01	02/04/03	CHANGE POA
LL11.28-0048	29/110200	09/01/99	02/06/03	NOTE OF REC
M881.12-0010	10/187294	07/16/02	02/06/03	NOTE OF REC
U66.12-0004	60/444076		01/31/03	PC

***FOREIGN MAIL***

A174.23-0015      AFFADAVIT

PTO MAIL RECEIVED      February 13, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
U50.22-0002			01/29/03	PC
R04.12-0045			02/05/03	PC
F386.12-0001			02/05/03	PC
W381.12-0001			02/07/03	PC
K300.22-0005	76/487602		02/05/03	PC

***FOREIGN MAIL***

PTO MAIL RECEIVED February 14, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
N247.12-0034	09/929435	08/14/01	02/03/03	PC
I69.12-0541	10/259133	09/27/02	02/07/03	PC
B771.12-0002	10/298864	11/18/02	02/10/03	NOTE ACCEPT POA
I69.12-0448	09/541218	04/03/00	02/10/03	NOTE ALLOW AND FEES DUE
O152.12-0002	09/375669	08/17/99	02/10/03	GRANTED PETITION
	76/031349		02/07/03	NOTE ACCEPT AMEND TO USE
T257.322-0001	76/032073		02/07/03	NOTE ACCEPT AMEND TO USE
A361.22-0003	76/331167		02/10/03	NOTE ACCEPT STATE OF USE
V131.22-0007	76/484957	01/21/03	02/11/03	FR
S852.12-0001	10/316488	12/11/02	02/10/03	FR
I205.12-0001	60/440762	01/17/03	02/10/03	FR
I69.12-0510	10/001661	10/18/01	02/10/03	OA
I69.12-0451	09/587312	06/05/00	02/10/03	NOTE OF ALLOWABILITY
I69.12-0474	09/755019	01/05/01	02/10/03	INTERVIEW SUMMARY
	09/871497	05/31/01	02/11/03	SOFT PATENT

SUPPLEMENTAL

M507.12-0020

ADVISORY ACTION

**FOREIGN MAIL**

U43.13-0018

RESPONSE

A174.23-0010

RESPONSE

## PTO MAIL RECEIVED February 18, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
I69.12-0552	10/271954	10/15/02	02/06/03	PC
F264.312-0023	09/297787	08/23/99	02/06/03	PC
C487.322-0001	75/142117	07/30/96	02/05/03	PC
I28.22-0014			02/07/03	PC
L187.12-0028	10/100364	03/18/02	02/11/03	PC
P449.25-0003			02/13/03	PC
M550.12-0004	09/102924	06/23/98	02/07/03	PC
M81.12-0059	10/077693	02/15/02	02/07/03	PC
M81.12-0046	09/624950	07/25/00	02/07/03	PC
P451.12-0001	10/306669	11/27/02	02/10/03	PC
A792.12-0021	10/298272	11/15/02	02/06/03	PC
A792.12-0019	10/295782	11/15/02	02/06/03	PC
I69.12-0490	09/901830	02/10/03	02/13/03	PC
M895.12-0001	09/955922	09/19/01	02/13/03	PC
I69.12-0523	10/020621	10/29/01	02/13/03	PC
M81.12-0051	09/654403	09/01/00	02/07/03	PC
W454.32-0001				PC
I69.12-0500	10/042061	10/24/01	02/10/03	PC
V44.12-0108	09/285397	04/02/99	02/13/03	PC
I69.12-0506	10/015163	12/11/01	02/10/03	PC
M81.22-0020			02/13/03	PC
U66.12-0002	10/001222	11/15/01	02/10/03	PC
K120.12-0010	09/665081	09/20/00	02/13/03	PC
E246.312-0001	09/852218	05/09/01	02/10/03	PC

C518.12-0002	09/931361	08/16/01	02/10/03	PC
I69.12-0447	09/553523	04/20/00	02/06/03	PC
A792.12-0022	10/298245	11/15/02	02/06/03	PC
M857.12-0007	29/153216	01/04/02	02/06/03	PC
A792.12-0018	10/298240	11/15/02	02/06/03	PC
R120.22-0005	76/202738	01/30/01	02/07/03	PC
E206.28-0001			12/23/02	PC
T372.28-0004	76/247921	04/27/01	02/07/03	PC
O119.13-0020	PCT/US02/33924	10/23/02	02/11/03	PCT
C458.12-0004	09/952463	09/14/01	02/12/03	NOTE OF REC
C458.12-0005	09/992737	11/19/01	02/12/03	NOTE OF REC
I69.12-0457	09/605080	06/26/00	02/10/03	NOTE OF REC
I69.12-0543	10/277878	10/10/02	02/12/03	NOTE OF REC
C458.12-0003	08/759645	12/05/96	02/12/03	NOTE OF REC
	09/569566	05/12/00	02/12/03	NOTE OF ABANDONMENT
C533.12-0001	09/766198	01/19/01	02/11/03	NOTE OF ABANDONMENT
E252.12-0001	10/278321	10/23/02	02/12/03	NOTE OF REC
M278.12-0024	09/721218		02/06/03	ISSUE NOTE
S866.312-0003	09/622958		02/06/03	ISSUE NOTE
	76/322840	10/09/01	02/12/03	GRANTED EXT TIME
W461.12-0001	10/357734		02/04/03	PC
A351.12-0002	09/787497	03/16/01	02/12/03	OA
D271.13-0001	PCT/US02/41098	12/20/02	02/11/03	PCT
S837.12-0004	09/895831	06/29/01	02/12/03	OA
I69.12-0471	09/707475	11/07/00	02/12/03	OA

S697.12-0050	09/618169	07/17/00	02/13/03	OA
	09/871497	05/31/01	02/11/03	HARD PATENT
	76/365322	01/31/02		CERT OF REG
S866.312-0004	09/830137	06/25/01	02/11/03	NOTE ALLOW AND FEES DUE
B765.12-0001	09/753485	01/03/01	02/13/03	ADVISORY ACTION
W446.12-0001	10/313274	12/06/02	02/11/03	FR
S834.12-0009	10/155212	05/24/02	02/12/03	NOTE ALLOW AND FEES DUE
I55.22-0004	76/146019		02/13/03	NOTE APPR. EXT. REQ.
S834.12-0007	10/154863	05/24/02	02/12/03	NOTE ALLOW AND FEES DUE
M278.12-0026	09/594051	06/14/00	02/10/03	NOTE ALLOW AND FEES DUE
C514.12-0002	09/495960	02/02/00	02/12/03	OA
LL31.13-0007	PCT/US02/26217	08/19/	02/10/03	PCT

SUPPLEMENTAL

S282.22-0020

NOTE OF ALLOW

**FOREIGN MAIL**

R383.13-0003 ANNUITY FEE

C348.13-0085 ANNUITY FEE

LL11.13-0100 FR/MAIN FEE

L535.13-0225 FR/MAIN FEE

LL11.13-0098 FR/MAIN FEE

H550.13-0110 FR/MAIN FEE

S828.312-0010 RESPONSE

H550.13-0039 SECOND OA

C567.29-0002 RESPONSE DUE

S705.23-0001 FILING RECEIPT

H550.13-0118 CERT OF RENEWAL

P449.25-0003 TRADEMARK REGISTRATION

PTO MAIL RECEIVED February 19, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
M857.12-11	10/325666	12/19/02	02/12/03	PC
M857.12-10	10/323710	12/18/02	02/12/03	PC
S828.312-13	09/538410	03/29/00	02/06/03	PC
A792.12-17	10/298242	11/15/02	02/06/03	PC
A792.12-20	10/298211	11/15/02	02/06/03	PC
A792.12-25	29/171044	11/15/02	02/06/03	PC
V44.12-128	09/412089	10/04/99	02/10/03	PC

***SUPPLEMENTAL MAIL LOG***

***S282.22-0013*** CERT OF REG

***FOREIGN MAIL***

LL01.23-147 CERT OF REG

W449.23-10 CERT OF REG

PTO MAIL RECEIVED      February 20, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
I69.12-0502	10/010169	11/13/01	02/11/03	PC
I69.12-0477	09/828489	04/06/01	02/12/03	PC
L187.13-0032			02/10/03	PC
H550.12-0003	10/296019	11/14/02	02/13/03	NOTE ACCEPT/FR
W458.312-0001	10/181703	10/24/02	02/12/03	CORR FR

***FOREIGN MAIL***



PTO MAIL RECEIVED      February 21, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
L538.12-0001	10/161180	06/03/02	02/11/03	PC

***FOREIGN MAIL***

A174.23-0015      NOTICE OF ACCEPTANCE

## PTO MAIL RECEIVED February 24, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
L528.322-0001	76/270469	06/12/01	02/12/03	PC
L528.322-0002	76/270450	06/12/01	02/12/03	PC
E240.12-0001	09/952254	09/11/01	02/13/03	PC
B771.12-0001	09/833324	04/12/01	02/14/03	PC
L276.12-0001	07/149969	02/03/88	02/14/03	PC
G320.12-0002	09/530679	05/02/00	02/14/03	PC
I69.12-0528	10/055688	01/23/02	02/13/03	PC
II81.12-0003	10/166526	06/10/02	02/13/03	PC
I69.12-0490		02/13/03	02/13/03	PC
P451.12-0001	10/306669	11/27/02	02/19/03	PC
G347.312-0001		12/13/02	02/14/03	PC
	76/247921	04/27/01	02/14/03	EXT TIME GRANTED
LL31.12-0006	PCT/US02/25735	08/13/00	02/13/03	PCT
O119.12-0012	10/278247	10/23/02	02/13/03	NOTE OF REC
L318.12-0002	09/805583	03/13/01	02/14/03	NOTE ABANDONMENT
S835.12-0001	09/746118	12/22/00	02/20/03	NOTE ABANDONMENT
	07/455310	12/22/89	01/15/03	MAIN FEE
I69.12-0561	10/279469	10/24/02	02/14/03	NOTE OF REC
O119.12-0015	10/279043	10/23/02	02/14/03	NOTE OF REC
S352.12-0023	09/700091		02/13/03	ISSUE NOTE
II32.12-0001	09/949102		02/13/03	ISSUE NOTE
CANCELLATION# 92040506			02/19/03	CANCELLATION

C516.22-0002	76/385788		02/19/03	EXAMINER'S AMENDMENT
I69.12-0566	10/360900		02/07/03	PC
I69.12-0542	10/361740		02/10/03	PC
E242.12-0003	10/364184		02/11/03	PC
	76/334317	11/06/01		CERT OF REG
	10/012897	11/05/01	02/18/03	HARD PATENT
L187.12-0024	10/099201	03/13/02	02/19/03	OA
	09/260452	03/02/99	02/18/03	HARD PATENT
	76/269796	06/11/01		CERT OF REG
	76/393181	04/10/02		CERT OF REG
	76/375137	02/25/02		CERT OF REG
I69.12-0494	09/866942	05/29/01	02/20/03	OA
LL11.12-0040	09/239873	01/29/99	02/20/03	OA
V180.12-0001	10/244240	09/16/02	02/13/03	SOFT PATENTS
	76/290943	07/27/01		CERT OF REG
	76/380650	03/11/02		CERT OF REG
	76/375462	02/28/02		CERT OF REG
	09/260452	03/02/99		SOFT PATENTS
V180.12-0001	10/244240	09/16/02	02/13/03	SOFT PATENTS
V180.12-0001	10/244240	09/16/02	02/13/03	OA
V180.12-0001	10/244240	09/16/02	02/13/03	SOFT PATENTS
W232.22-0004			02/20/03	PRIORITY ACTION
S603.22-0088			02/14/03	POST REG OA
M857.22-0001	76/318735		02/13/03	NOTE ACCEPT STATE OF USE
A383.13-0003	10/335381	12/31/02	02/20/03	FR

J274.12-0001	60/442318	01/24/03	02/20/03	FR
M278.12-0026	09/594051	06/14/00	02/20/03	NOTE ALLOWABILITY
P186.22-0015	76/327069		01/07/03	NOTE ALLOW
L187.22-0008	76/308219		01/07/03	NOTE ALLOW
A431.22-0002	76/486300	01/31/03	02/15/03	FR
A431.22-0001	76/486301	01/31/03	02/15/03	FR
H556.22-0002	78/158548		02/20/03	EXAMINER'S AMEND/PRIORITY ACTION
	76/352695	12/21/01		CERT OF REG
A792.12-6	09/412459	10/4/99	2/20/03	OFC ACT SUM

SUPPLEMENTAL

76/131741

NOTICE OF ABANDONMENT ( JUST FOR RECORD/NOT DOCKETED)

**FOREIGN MAIL**

S828.312-0010

RESPONSE

P437.23-0008

RESPONSE

W449.23-0001

RESPONSE

C348.13-0046

RESPONSE

C348.13-0057

RESPONSE

P155.23-0007

CERT OF REG

C348.13-0003

RENEWAL FEE

## PTO MAIL RECEIVED February 25, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
C457.312-0003	09/662707	09/15/00	02/18/03	PC
LL11.12-0045	09/691473	10/18/00	02/18/03	PC
	76/160067		02/19/03	NOTE OF ABANDON
N95.12-0003	07/472617	01/30/90		MAIN FEE
M697.12-0008	08/218352	03/25/94		MAIN FEE
C348.12-0005	08/270461	07/05/94		MAIN FEE
N95.12-0003	07/16/91	01/30/90		MAIN FEE
O119.12-0014	10/278322	10/23/02	02/13/03	NOTE OF REC
	09/127141	07/31/98	02/21/03	OA
	09/127142	07/31/98	02/21/03	OA
E252.12-0002	10/335380	12/31/02	02/21/03	FR
I69.12-0487	09/808843	03/15/01	02/21/03	OA
S803.312-0007	09/972835	02/21/03	02/21/03	OA

**FOREIGN MAIL**

U43.13-0005 RESPONSE

R193.13-0008 OA

LL01.23-0213 CERT OF REG

PTO MAIL RECEIVED      February 26, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
G312.312-0003	10/181091	11/13/02	02/20/03	PC
F264.312-0018	08/952331	03/12/99	02/18/03	PC
B782.12-0002	10/364897		02/12/03	PC
	76/209171	02/12/01		CERT OF REG

***FOREIGN MAIL***

L187.13-0002      MAINTENANCE FEE  
H550.23-0015      RENEWAL

PTO MAIL RECEIVED February 27, 2003

K & L NO.	SERIAL NO./ PATENT NO	FILING DATE GRANT DATE	PTO DATE	DESCRIPTION
T286.22-2	2123939	12/23/97	02/14/03	PC
C567.22-2	78/151384	08/06/02	02/19/03	PC
W381.22-1	2056406	04/22/97	02/19/03	PC
	78/099022		02/19/03	PC
E229.322-1	75/607570	12/17/98	02/19/03	PC
LL01.28-38	76/402114	05/01/02	02/19/03	PC
M712.12-4	5471873		02/20/03	PC
B615.312-1	5971401		02/20/03	PC
B73.12-29	5481193		02/20/03	PC
S697.12-6	6022207		02/20/03	PC
N247.12-15	6021065		02/20/03	PC
S697.12-15	5491643		02/20/03	PC
B73.12-51	6026344		02/20/03	PC
B73.12-21	5081444		02/20/03	PC
S51.12-21	5479957		02/20/03	PC
LL11.12-68	5080913		02/20/03	PC
	76/436762		02/19/03	NOTE PUBL
	76/177330		02/19/03	NOTE PUBL
	PROCEEDING #91125335		02/22/03	OPPOSITION

**FOREIGN MAIL**

NO FOREIGN DOCKETING.





## PTO MAIL RECEIVED February 28, 2003

K&L NUMBER	SERIAL NO./ PATENT NO.	FILE DATE GRANT DATE	PTO DATE	DESCRIPTION
D396.12-0001	09/782785	02/782785	02/20/03	PC
S828.312-0010	09/526774	03/16/00	02/20/03	PC
F207.12-0005			02/20/03	PC
M881.12-0014	10/198565	07/18/02	02/21/03	NOTE OF REC
	78/155137		02/19/03	NOTE OF PUB 12(a)
CANCELLATION# 92041189			02/24/03	CANCELLATION
	09/164805	10/01/98		MAIN FEE
	07/782906	10/24/91		MAIN FEE
S697.12-0001	09/013388	01/26/98		MAIN FEE
	76/302353		02/24/03	REQ EXT TIME
	76/302353	08/20/01	02/24/03	REQ EXT TIME
	76/302353	08/20/01	02/24/03	REQ EXT TIME
D384.22-0012	76/463597		02/25/03	OA
P430.22-0013			02/21/03	POST REG OA
N321.12-0001	60/429782	11/27/02	02/24/03	FR
	09/622958	12/23/98	02/25/03	SOFT PATENT
	09/721218	11/22/00	02/25/03	SOFT PATENT

**FOREIGN MAIL**

M33.230024	FR
C348.13-0079	RENEWALS
S603.13-0080	RESPONSE



MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
19DE2002	M881.12-0013	60/365628	REVIEW FOR USA

FILING

MITEC INC

TITLE: IRRADIATION SYSTEM WITH IMPROVED DOSAGE UNIFO

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02FE2003	C179.12-0009	60/377369	REVIEW FOR USA
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FILING

CORTRON CORPORATION

TITLE: FLEXOGRAPHIC PRINTING REFLECTOR

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13MR2003	H550.12-0005	09/933932	AMEND DUE
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HORTON INC

TITLE: CIRCUMFERENTIAL ARC SEGMENT MOTOR COOLING FAN

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16MR2003	V 44.12-0132	09/474175	ISSUE FEE DUE
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Agere Systems Inc.

TITLE: DIGITAL PROCESSING OF PILOT-TONE AMPLITUDES

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16MR2003	V 44.12-0132	09/474175	DRAWINGS
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Agere Systems Inc.

TITLE: DIGITAL PROCESSING OF PILOT-TONE AMPLITUDES

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18MR2003	M546.13-0004	US01/50117	RESPONSE DUE
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3M Innovative Properties Company

TITLE: ADHESIVE MEASURING TAPE

RECEIVED

SEP 29 2003

GROUP 3600

EXHIBIT

E

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
19MR2003	M881.12-0013 MITEC INC	60/365628	FF LAST DAY

TITLE: IRRADIATION SYSTEM WITH IMPROVED DOSAGE UNIFO

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19MR2003	M881.12-0013 MITEC INC	60/365628	EXPIRES
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TITLE: IRRADIATION SYSTEM WITH IMPROVED DOSAGE UNIFO

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23MR2003	I 69.12-0481 SEAGATE TECHNOLOGY, LLC	09/613376	2 MO FINAL
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TITLE: PROCESS OF FORMING A MAGNETIC MICROACTUATOR

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26MR2003	P440.12-0001 Polar Fab	10/183911	FF LTR DUE
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TITLE: SYSTEM AND METHOD FOR DEFINING SEMICONDUCTOR

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27MR2003	H550.12-0001 HORTON INC	09/848544	ISSUE FEE DUE
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TITLE: BRUSHLESS DC RING MOTOR COOLING SYSTEM

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28MR2003	U 43.13-0067 UROLOGIX INC	31188/00	RESPONSE DUE
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TITLE: METHOD OF CONTROLLING THERMAL THERAPY

MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
02AP2003	I 69.12-0466 SEAGATE TECHNOLOGY, LLC	09/809378	AMEND DUE

TITLE: BONDED TRANSDUCER-LEVEL ELECTROSTATIC MICROAC

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03AP2003	V 44.12-0151 Agere Systems Inc.	10/115303	FF LAST DAY
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TITLE: DISK DRIVE WRITER WAVEFORM INDUCED PRECOMPENS

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03AP2003 Deadline	V 44.13-0004 Agere Systems Inc.		Application
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TITLE: DISK DRIVE WRITER WAVEFORM INDUCED PRECOMPENS

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06AP2003	C179.12-0007 CORTRON CORPORATION	09/843526	AMEND DUE
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TITLE: DIGITAL IMAGING SYSTEM EMPLOYING NON-COHERENT

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13AP2003	I 69.12-0431 SEAGATE TECHNOLOGY, LLC	09/490420	AMN DUE FINAL
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TITLE: MAGNETIC MICROACTUATOR WITH CAPACITIVE POSITI

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18AP2003	M881.12-0014 MITEC INC	10/198565	FF LTR DUE
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TITLE: DIRECT INJECTION ACCELERATOR METHOD AND SYSTE

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
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19AP2003	U 43.13-0078	US02/29604	FILE DEMAND FOR PRE
EXAM PCT CH II			

UROLOGIX INC

TITLE: MICROWAVE ABLATION DEVICE

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19AP2003	U 43.13-0078	US02/29604	CH 2 DUE
	UROLOGIX INC		

TITLE: MICROWAVE ABLATION DEVICE

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20AP2003	U 43.13-0070	39149/00	RESPONSE DUE
	UROLOGIX INC		

TITLE: THERMAL THERAPY CATHETER

---

23AP2003	I 69.12-0481	09/613376	AMN DUE FINAL
	SEAGATE TECHNOLOGY, LLC		

TITLE: PROCESS OF FORMING A MAGNETIC MICROACTUATOR

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28AP2003	M 33.12-0023	10/156415	AMN DUE FINAL
	MAICO HEARING INSTRUMENTS INC		

TITLE: MULTIMEDIA FEATURE FOR DIAGNOSTIC INSTRUMENTA

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02MY2003	C179.12-0009	60/377369	FF LAST DAY
	CORTRON CORPORATION		

TITLE: FLEXOGRAPHIC PRINTING REFLECTOR

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
02MY2003	C179.12-0009	60/377369	EXPIRES

CORTRON CORPORATION

TITLE: FLEXOGRAPHIC PRINTING REFLECTOR

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07MY2003	I 69.12-0566	10/360900	IDS DUE
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SEAGATE TECHNOLOGY, LLC

TITLE: DISC DRIVE SLIDER TEST SOCKET

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12MY2003	I 69.12-0451	09/587312	ISSUE FEE DUE
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SEAGATE TECHNOLOGY, LLC

TITLE: MICROACTUATOR ASSEMBLY HAVING IMPROVED STANDO

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12MY2003	I 69.12-0451	09/587312	DRAWINGS
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SEAGATE TECHNOLOGY, LLC

TITLE: MICROACTUATOR ASSEMBLY HAVING IMPROVED STANDO

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: AMM

ACTION DATE	K&L FILE NO	App No	Action Description
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31MR2003	I 69.12-0573		Application

Deadline

SEAGATE TECHNOLOGY, LLC

TITLE: COLLIMATOR GRID FOR OBLIQUE DEPOSITION WITH A

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10MY2003	I 69.12-0542	10/361740	IDS DUE
	SEAGATE TECHNOLOGY, LLC		

TITLE: SLURRY COMPOSITION FOR CMP ASSISTED LIFTOFF

---

14MY2003	I 69.12-0582		DRAFT TO CLIENT?
	SEAGATE TECHNOLOGY, LLC		

TITLE: APERATURE FOR OBLIQUE WITH AZIMUTHAL SYMMETRY

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: ATB

ACTION DATE	K&L FILE NO	App No	Action Description
13AP2003	I 69.12-0443 SEAGATE TECHNOLOGY, LLC	09/517923	AMN DUE FINAL

TITLE: FLEXIBLE TABS FOR IMPROVED MICROACTUATOR ASSE

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22AP2003	C516.12-0009 CARDIA INC	10/348865	IDS DUE
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TITLE: ARTICULATED CENTER POST

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22AP2003	C516.12-0011 CARDIA INC	10/348701	IDS DUE
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TITLE: OCCLUSION DEVICE HAVING FIVE OR MORE ARMS

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22AP2003	C516.12-0016 CARDIA INC	10/349744	IDS DUE
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TITLE: SEPTAL STABILIZATION DEVICE

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22AP2003	C516.12-0019 CARDIA INC	10/349118	IDS DUE
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TITLE: HOOP DESIGN FOR OCCLUSION

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22AP2003	C516.12-0020 CARDIA INC	10/348864	IDS DUE
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TITLE: LAMINATED SHEETS FOR USE IN A FULLY RETRIEVAB

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20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: ATB

ACTION DATE	K&L FILE NO	App No	Action Description
29AP2003	D271.12-0002	10/038940	AMEND DUE

TITLE: COMBINATION ULTRAVIOLET CURING AND INFRARED D

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30AP2003	F373.12-0001	10/136857	FF LAST DAY
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F-M Enterprises, Inc.

TITLE: MACHINING CENTER FOR FINISHING A PATIO DOOR S

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03MY2003	I 69.12-0458	09/711357	AMEND DUE
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SEAGATE TECHNOLOGY, LLC

TITLE: FLEXIBLE CIRCUIT DESIGNS WITH IMPROVED DAMPIN

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15MY2003	U 66.13-0002	US02/32816	CH 2 REMIND
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UNIVERSITY OF NORTH DAKOTA

TITLE: PREPARATION OF THIN LEAD SAMPLE FOR ALPHA PAR

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MASTER FILE REPORT  
20MR2003

9 28 PAGE: 1

PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: BRM

ACTION DATE	K&L FILE NO	App No	Action Description
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21JA2003	I132.12-0002		Application
Deadline	Innervision by Henry, Inc.		
	TITLE: SAFETY HELMET SYSTEM		

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20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: CJB

ACTION DATE	K&L FILE NO	App No	Action Description
15FE2003	A792.12-0017	10/298242	IDS DUE

Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0018	10/298240	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0019	10/295782	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0020	10/298211	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0021	10/298272	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0022	10/298245	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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MASTER FILE REPORT  
20MR2003

9 28 PAGE: 2

PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: CJB

ACTION DATE	K&L FILE NO	App No	Action Description
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15FE2003	A792.12-0023 Advanced Respiratory, Inc.	10/298167	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
<hr/>			
15FE2003	A792.12-0024 Advanced Respiratory, Inc.	10/298267	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
<hr/>			
15FE2003	A792.12-0025 Advanced Respiratory, Inc.	29/171044	IDS DUE
TITLE: AIR PULSE GENERATOR			
<hr/>			
23MR2003	B786.12-0003 Belly Golf, Inc.	29/167860	FF LAST DAY
TITLE: GOLF PUTTER			
<hr/>			
01AP2003	U 65.12-0001 UNITED HEALTH GROUP	10/187424	FF LTR DUE
TITLE: INTERACTIVE HEALTH INSURANCE SYSTEM			
<hr/>			
17AP2003	V131.12-0003 AIRBORNE ATHLETICS INC	09/887542	AMN DUE FINAL
TITLE: VOLLEYBALL TRAINING APPARATUS			
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20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: CJB

ACTION DATE	K&L FILE NO	App No	Action Description
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28AP2003	N306.12-0001	09/630375	2 MO FINAL
	NORTHERN ALTERNATIVE ENERGY		

TITLE: ENERGY SYSTEM PROVIDING CONTINUAL ELECTRIC PO

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15MY2003	A792.12-0025	29/171044	FF LAST DAY
	Advanced Respiratory, Inc.		

TITLE: AIR PULSE GENERATOR

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20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: DMC

ACTION DATE	K&L FILE NO	App No	Action Description
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07AP2003	I 69.12-0488 SEAGATE TECHNOLOGY, LLC	09/839345	AMEND DUE

TITLE: METHOD OF FABRICATING A TRANSDUCING HEAD HAVI

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12MY2003	I 69.12-0448 SEAGATE TECHNOLOGY, LLC	09/541218	ISSUE FEE DUE
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TITLE: EDGE BARRIER TO PREVENT SPIN VALVE SENSOR COR

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20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: DRD

ACTION DATE	K&L FILE NO	App No	Action Description
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12AP2003	E248.13-0001 Enviro-Care Company	US02/32798	CH 2 REMIND
TITLE: DEBRIS REMOVAL SYSTEM			

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12MY2003	E248.13-0001 Enviro-Care Company	US02/32798	CH 2 DUE
TITLE: DEBRIS REMOVAL SYSTEM			

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12MY2003 EXAM PCT CH II	E248.13-0001 Enviro-Care Company	US02/32798	FILE DEMAND FOR PRE
TITLE: DEBRIS REMOVAL SYSTEM			

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20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
11FE2003	I 69.12-0571 SEAGATE TECHNOLOGY, LLC	60/421974	DRAFT TO CLIENT?

TITLE: SV SENSOR WITH HARD BIAS STABILIZATION

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10MR2003	I 69.12-0474 SEAGATE TECHNOLOGY, LLC	09/755019	RESPONSE DUE
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TITLE: VERY HIGH LINEAR RESOLUTION CPP DIFFERENTIAL

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27MR2003	N 95.13-0006 NOW TECHNOLOGIES INC	320596/92	RESPONSE DUE
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TITLE: LIQUID CHEMICAL HANDLING SYSTEM FOR HIGH PURI

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31MR2003	E252.12-0002 Emerson Process Management	10/335380	IDS DUE
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TITLE: FIELD TRANSMITTER WITH DIAGNOSTIC SELF-TEST M

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08AP2003	M278.12-0029 MEDWAVE	60/370685	EXPIRES
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TITLE: METHOD FOR MEASUREMENT OF SYSTOLIC AND DIASTO

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09AP2003 FILING	A810.12-0002 Ameritek Industries	60/394552	REVIEW FOR USA
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TITLE: SPECIAL HANDLE AND ROPING SYSTEM FOR THE RETR

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20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
12AP2003	S837.12-0004 SPX CORPORATION	09/895831	2 MO FINAL

TITLE: DIS IGNITION SIGNAL PROCESSING FOR AUTOMOTIVE

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06MY2003	I 69.12-0474 SEAGATE TECHNOLOGY, LLC	09/755019	LAST DAY FINAL
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TITLE: VERY HIGH LINEAR RESOLUTION CPP DIFFERENTIAL

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12MY2003	S837.12-0004 SPX CORPORATION	09/895831	AMN DUE FINAL
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TITLE: DIS IGNITION SIGNAL PROCESSING FOR AUTOMOTIVE

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13MY2003	S603.13-0066 Metso Minerals Industries, Inc.	709434/97	FINAL FEE DUE
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TITLE: SELF-ALIGNING LINEAR BEARING

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14MY2003 FILING	A810.12-0003 Ameritek Industries	60/403515	REVIEW FOR USA
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TITLE: POWER ASSISTED SHOPPING CART MACHINE ATTACHME

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14MY2003	Q 33.12-0001 QRS Diagnostic		STATUS INQUIRY?
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TITLE: UNIVERSAL ECG CABLE INTERFACE

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20MR2003

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: GAB

ACTION DATE	K&L FILE NO	App No	Action Description
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10MR2003	W232.12-0017		Application

Deadline

INSTY\*BIT INC

TITLE: AUTOMATIC TOOL-BIT HOLDER

---

10AP2003	I 69.12-0433	09/553220	AMN DUE FINAL
	SEAGATE TECHNOLOGY, LLC		

TITLE: BENDING MICROACTUATOR HAVING A TWO PIECE SUSP

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21AP2003	A792.12-0012	09/754672	AMEND DUE
	Advanced Respiratory, Inc.		

TITLE: MECHANICAL CHEST WALL OSSCILLATOR

---

22AP2003	I 69.12-0507	10/008228	LAST DAY FINAL
	SEAGATE TECHNOLOGY, LLC		

TITLE: SLIDER WITH A COMPLIANT TRANSDUCER INTERFACE

---

02MY2003	R632.12-0001	10/210916	FF LTR DUE
	Mary Repking		

TITLE: STRETCHING DEVICE

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04MY2003	A792.13-0006	US02/00120	PCT REMIND
	Advanced Respiratory, Inc.		

TITLE: MECHANICAL CHEST WALL OSCILLATOR

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: GAB

ACTION DATE	K&L FILE NO	App No	Action Description
10MY2003	I 69.12-0510 SEAGATE TECHNOLOGY, LLC	10/001661	AMEND DUE

TITLE: SLIDER WITH FURROWS FOR FLUSHING CONTAMINANTS

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12MY2003	M278.12-0026 MEDWAVE	09/594051	ISSUE FEE DUE
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TITLE: METHOD AND APPARATUS FOR CALCULATING BLOOD PR

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12MY2003	V180.13-0001 Vbox, Incorporated	US02/00817	PCT REMIND
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TITLE: PRESSURE SWING ADSORPTION GAS SEPARATION METH

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13MY2003	V180.12-0001 Vbox, Incorporated	10/244240	AMEND DUE
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TITLE: PRESSURE SWING ADSORPTION GAS SEPARATION METH

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20MR2003

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: GMC

ACTION DATE	K&L FILE NO	App No	Action Description
05MR2003	S697.13-0041 STRATASYS, INC	99909897.3	RESPONSE DUE

TITLE: WATER SOLUBLE RAPID PROTOTYPING SUPPORT AND M

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13MR2003	S697.13-0048 STRATASYS, INC	1922/CAL/96	RESPONSE DUE
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TITLE: METHOD AND APPARATUS FOR SOLID PROTOTYPING

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01AP2003	S697.12-0066 STRATASYS, INC	10/187323	FF LTR DUE
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TITLE: MATERIAL AND METHOD FOR THREE-DIMENSIONAL MOD

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17AP2003	S697.12-0060 STRATASYS, INC	10/124241	FF LAST DAY
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TITLE: HIGH-PRECISION MODELING FILAMENT

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17AP2003	S697.12-0063 STRATASYS, INC	60/373332	FF LAST DAY
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TITLE: RAPID PROTOTYPE INJECTION MOLDING

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17AP2003	S697.12-0063 STRATASYS, INC	60/373332	EXPIRES
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TITLE: RAPID PROTOTYPE INJECTION MOLDING

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20MR2003

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: GMC

ACTION DATE	K&L FILE NO	App No	Action Description
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17AP2003	S697.12-0064 STRATASYS, INC	60/373236	FF LAST DAY

TITLE: LAYERED DEPOSITION BRIDGE TOOLING

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17AP2003	S697.12-0064 STRATASYS, INC	60/373236	EXPIRES
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TITLE: LAYERED DEPOSITION BRIDGE TOOLING

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17AP2003	S697.12-0065 STRATASYS, INC	60/373186	FF LAST DAY
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TITLE: SMOOTHING METHOD FOR LAYERED DEPOSITION MODEL

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17AP2003	S697.12-0065 STRATASYS, INC	60/373186	EXPIRES
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TITLE: SMOOTHING METHOD FOR LAYERED DEPOSITION MODEL

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21AP2003 EXAM PCT CH II	S697.13-0074 STRATASYS, INC	US02/29163	FILE DEMAND FOR PRE
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TITLE: MELT FLOW COMPENSATION IN AN EXTRUSION APPARA

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21AP2003	S697.13-0074 STRATASYS, INC	US02/29163	CH 2 DUE
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TITLE: MELT FLOW COMPENSATION IN AN EXTRUSION APPARA

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20MR2003

9 28 PAGE: 3

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: GMC

ACTION DATE	K&L FILE NO	App No	Action Description
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13MY2003	S697.12-0050 STRATASYS, INC	09/618169	AMEND DUE

TITLE: AUTOINTIALIZATION IN A THREE-DIMENSIONAL MODE

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15MY2003	S697.13-0067 STRATASYS, INC	00809321.0	RESPONSE DUE
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TITLE: HIGH TEMPERATURE MODELING APPARATUS

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20MR2003

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
25AU2002	W293.312-0005	09/855206	2 MO FINAL
	WATERMARK (WINPAL PTY LIMITED TRADI		

TITLE: ORTHOTIC DEVICE

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25SE2002	W293.312-0005	09/855206	AMN DUE FINAL
	WATERMARK (WINPAL PTY LIMITED TRADI		

TITLE: ORTHOTIC DEVICE

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30OC2002	A227.12-0058	10/013306	FILE ASSIGNMENT
	ACE ORTHOPEDIC MANUFACTURING		

TITLE: NON-METAL INSERTS FOR BONE SUPPORT ASSEMBLY

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25DE2002	W293.312-0005	09/855206	LAST DAY FINAL
	WATERMARK (WINPAL PTY LIMITED TRADI		

TITLE: ORTHOTIC DEVICE

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26JA2003	M755.13-0003	US02/20535	FILE DEMAND FOR PRE
EXAM PCT CH II	MAMAC SYSTEMS		

TITLE: MULTIPLE POINT AVERAGING DUCT TEMPERATURE SEN

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26JA2003	M755.13-0003	US02/20535	CH 2 DUE
	MAMAC SYSTEMS		

TITLE: MULTIPLE POINT AVERAGING DUCT TEMPERATURE SEN

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20MR2003

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
03MR2003	I172.312-0002 INVENTEC CORPORATION	09/564145	AMEND DUE

TITLE: SYSTEM AND METHOD FOR DETECTING COMPUTER COMP

---

04MR2003	A801.12-0001 ADVANCED CONTROLLED ELECTROMECHANIC	09/573742	AMN DUE FINAL
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TITLE: PROCESS FOR CONTROLLING THE MANUFACTURING OF

---

12MR2003 FILING	W337.12-0014 THERMO SOLUTIONS	60/388424	REVIEW FOR USA
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TITLE: VARIATIONS ON THERMAL INSULATING PANELS AND C

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17MR2003	D391.312-0001 China Science Patent & Trademark Ag	09/923699	AMEND DUE
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TITLE: DETACHABLE TEMPERATURE CONTROLLER

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25MR2003	E240.13-0001 EW TOOLING INC	US01/46779	PCT REMIND
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TITLE: CONSTANT DIMENSION INSERT CUTTERHEAD WITH REG

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25MR2003	M755.12-0014 MAMAC SYSTEMS	10/105772	FF LAST DAY
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TITLE: SENSOR ASSEMBLY WITH HOUSING FOR SECURED SENS

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20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE -----	K&L FILE NO -----	App No ---	Action Description -----
25MR2003	M755.13-0005		Application

Deadline

MAMAC SYSTEMS

TITLE: SENSOR ASSEMBLY WITH HOUSING FOR SECURED SENS

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28MR2003	X 04.312-0001 XENOBIOSIS	09/719901	2 MO FINAL
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TITLE: EXTRACTION METHOD PHARMACEUTICAL COMPOSITION

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02AP2003	I 69.12-0496 SEAGATE TECHNOLOGY, LLC	09/884796	AMEND DUE
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TITLE: EXTENDED ALUMINA BASECOAT ADVANCED AIR BEARIN

---

02AP2003	S828.312-0012 CABINET PATRICE VIDON	09/538403	AMEND DUE
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TITLE: DYNAMIC MANAGEMENT PROCESS FOR CALL FORWARDIN

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08AP2003	W337.12-0015	60/394334	REVIEW FOR USA
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FILING

THERMO SOLUTIONS

TITLE: THERMAL INSULATED CONTAINER

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10AP2003	T374.12-0003 Curt Tambornino	10/192392	FF LTR DUE
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TITLE: BALL HITCH

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20MR2003

9 28 PAGE: 4

PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
14AP2003	T257.312-0005	09/425271	RESPONSE DUE
	WATERMARK (VASILIOS TOUTOUTNZIS)		

TITLE: TERMITE CONTROL

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16AP2003	E227.312-0014	10/049426	AMEND DUE
	ELEKTA AB		

TITLE: LINEAR ACCELERATOR

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25AP2003	B774.312-0001	09/720632	2 MO FINAL
	LOS & STIGTER		

TITLE: METHOD OF INACTIVIATING VIRUSES

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25AP2003	E240.13-0001	US01/46779	PCT NAT'L
	EW TOOLING INC		

TITLE: CONSTANT DIMENSION INSERT CUTTERHEAD WITH REG

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25AP2003	E240.13-0001	US01/46779	NATIONAL PHASE
EXTENSION PERIOD PCT	EW TOOLING INC		

TITLE: CONSTANT DIMENSION INSERT CUTTERHEAD WITH REG

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28AP2003	B756.312-0002	10/002674	ISSUE FEE DUE
	BOON EDAM B.V.		

TITLE: REVOLVING DOOR

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
28AP2003	B756.312-0002 BOON EDAM B.V.	10/002674	DRAWINGS

TITLE: REVOLVING DOOR

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28AP2003	X 04.312-0001 XENOBIOSIS	09/719901	AMN DUE FINAL
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TITLE: EXTRACTION METHOD PHARMACEUTICAL COMPOSITION

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30AP2003	S828.312-0008 CABINET PATRICE VIDON	09/512996	AMEND DUE
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TITLE: PROCESS FOR RUNNING AN APPLICATION BY A TERMI

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05MY2003	M755.12-0012 MAMAC SYSTEMS	09/892193	ISSUE FEE DUE
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TITLE: MULTIPLE POINT AVERAGING DUCT TEMPERATURE SEN

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05MY2003	M755.12-0012 MAMAC SYSTEMS	09/892193	DRAWINGS
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TITLE: MULTIPLE POINT AVERAGING DUCT TEMPERATURE SEN

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10MY2003	B 87.312-0026 HERRMANN-TRENTEPOHL BOCKHORN	10/056898	2 MO FINAL
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TITLE: VEHICLE WITH FRAME SUPPORT

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20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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12MY2003	S866.312-0004 Shell International B.V.	09/830137	ISSUE FEE DUE

TITLE: MAKING UP AND BREAKING OUT OF A TUBING STRING

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12MY2003	S866.312-0004 Shell International B.V.	09/830137	DRAWINGS
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TITLE: MAKING UP AND BREAKING OUT OF A TUBING STRING

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13MY2003	S644.312-0003 SUBTERRA LIMITED	420086	EXPIRES
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TITLE: JOINING TUBULAR MEMBERS

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
30DE2002	M531.12-0002	09/494665	AMEND DUE
	MINNESOTA MINING AND MANUFACTURING		

TITLE: WRIST REST ASSEMBLY

---

28FE2003	F386.13-0006	98925236.6	RESPONSE DUE
	James Farrell		

TITLE: APPARATUS AND METHOD FOR MAKING FROZEN DRINKS

---

07MR2003	C176.12-0001	877984	EXPIRES
	CRENLO INC		

TITLE: DOOR FOR RFI AND EMI SHIELDED ENCLOSURE

---

17MR2003 Deadline	M550.12-0010		Application
	3M Innovative Properties Company		

TITLE: SHEET FEED ASSEMBLY AND SHEET SEPARATING ASSE

---

22MR2003 Deadline	B787.13-0001		Application
	Bercom International, LLC		

TITLE: PAINT HOLDER WITH ADJUSTABLE FLEXIBLE STRAP\H

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22MR2003 Deadline	B787.13-0002		Application
	Bercom International, LLC		

TITLE: PAINT HOLDER WITH ADJUSTABLE FLEXIBLE STRAP\H

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
24MR2003	W232.12-0008 INSTY*BIT INC	09/523642	AMEND DUE

TITLE: CHUCK ADAPTOR

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28MR2003	C563.12-0001 V.H. Cooper & Co., Inc.,	60/368380	FF LAST DAY
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TITLE: METHOD FOR MAKING A FOWL WING CUT AND THE RES

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28MR2003	C563.12-0001 V.H. Cooper & Co., Inc.,	60/368380	EXPIRES
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TITLE: METHOD FOR MAKING A FOWL WING CUT AND THE RES

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30MR2003	H550.13-0021 HORTON INC	99-7008824	EXAM DUE
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TITLE: INTEGRATED FAN ASSEMBLY WITH VARIABLE PITCH B

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30MR2003	M531.12-0002 MINNESOTA MINING AND MANUFACTURING	09/494665	LAST DAY
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TITLE: WRIST REST ASSEMBLY

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01AP2003 Deadline	M550.12-0011 3M Innovative Properties Company	Application
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TITLE: ELASTIC MEMBER AND PAPER FEEDING ROLLER USING

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
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02AP2003	M519.12-0015 MINNESOTA MINING AND MANUFACTURING	09/821341	LAST DAY FINAL
TITLE: METHOD AND APPARATUS FOR KNURLING A WORKPIECE			
<hr/>			
06AP2003	H550.13-0112 HORTON INC	39986/99	RESPONSE DUE
TITLE: ROTATIONAL CONTROL APPARATUS			
<hr/>			
13AP2003	K182.12-0023 KILTIE CORPORATION\VERSA-LOK	10/230025	AMEND DUE
TITLE: MODULAR SEGMENTED RETAINING WALL			
<hr/>			
13AP2003	M528.12-0016 MINNESOTA MINING AND MANUFACTURING	09/225886	AMN DUE FINAL
TITLE: TAPE ROLL LINER/TAB APPLICATION APPARATUS AND			
<hr/>			
14AP2003	B745.12-0001 BATEMAN DON	09/549484	ISSUE FEE DUE
TITLE: COMBINATION SNOWPLOW AND BUCKET			
<hr/>			
14AP2003	B745.12-0001 BATEMAN DON	09/549484	DRAWINGS
TITLE: COMBINATION SNOWPLOW AND BUCKET			
<hr/>			

MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
14AP2003	I181.12-0003 INDUSTRIAL SPRING COMPANY	10/166526	ISSUE FEE DUE
TITLE: APPARATUS FOR WINDING A SPRING			
<hr/>			
14AP2003	M541.12-0001 MINNESOTA MINING AND MANUFACTURING	09/632142	ISSUE FEE DUE
TITLE: APPARATUS AND METHOD FOR BREATHING APPARATUS			
<hr/>			
25AP2003	K307.12-0002 Ted V. Kuck	09/908073	APPEAL BRF
TITLE: METHOD FOR PREPARING FOWL MEAT CUT			
<hr/>			
28AP2003	W232.12-0006 INSTY*BIT INC	09/858254	ISSUE FEE DUE
TITLE: DRILL BIT TAIL			
<hr/>			
03MY2003	B787.12-0003 Bercom International, LLC	09/961090	2 MO FINAL
TITLE: HAND-HELD VESSEL			
<hr/>			
07MY2003	B787.12-0007 Bercom International, LLC	29/170507	FF LAST DAY
TITLE: LINER FOR HAND-HELD VESSEL			
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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
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14MY2003	F386.13-0003 James Farrell	2324503	EXAM REMIND

TITLE: CUTTING DEVICE AND METHOD FOR CUTTING MATERIA

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MASTER FILE REPORT  
20MR2003

9 28 PAGE: 1

PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: JMW

ACTION DATE	K&L FILE NO	App No	Action Description
18MR2003	S 51.12-0045 SCHWING AMERICA INC	60/365231	FF LAST DAY

TITLE: CEMENT MIXING TRUCK ANTI-ROLLOVER SYSTEM

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18MR2003	S 51.12-0045 SCHWING AMERICA INC	60/365231	EXPIRES
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TITLE: CEMENT MIXING TRUCK ANTI-ROLLOVER SYSTEM

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18AP2003 FILING	Z 53.12-0001 Troy Zweerink	60/396953	REVIEW FOR USA
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TITLE: SNOWMOBILE FOOT PAD MOUNTING METHOD

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22AP2003	S 51.12-0046 SCHWING AMERICA INC	10/099318	AMEND DUE
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TITLE: REAR UNDER-RIDE PROTECTION DEVICE

---

07MY2003	M921.12-0001 Marner Micro Technologies, Inc.	60/378324	FF LAST DAY
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TITLE: SIDE-VENTED ENCLOSURE AND TELESCOPING RAIL SY

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07MY2003	M921.12-0001 Marner Micro Technologies, Inc.	60/378324	EXPIRES
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TITLE: SIDE-VENTED ENCLOSURE AND TELESCOPING RAIL SY

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: MDL

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
22MR2003	S854.12-0001 Carl Surges	00	FF LAST DAY

TITLE: REVERSION REDIRECTION DEVICE FOR AN INTERNAL

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28MR2003	D377.13-0002 KHANH DINH	US03/01813	RESPONSE DUE
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TITLE: HEAT PIPE LOOP WITH PUMP ASSISTANCE

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28MR2003	M550.13-0002 3M Innovative Properties Company	90130098	RESPONSE DUE
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TITLE: SIDE LIGHT TYPE OPTICAL FIBER

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15AP2003	W256.11-0005 WINONA LIGHTING STUDIO INC		REMINDER
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TITLE: QUARTERLY SEARCHES FOR NEW PATENTS BY A COMPE

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20AP2003	O119.13-0018 OSMONICS	2370787	EXAM REMIND
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TITLE: NON-WOVEN DEPTH FILTER ELEMENT AND METHOD OF

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23AP2003	O119.13-0020 OSMONICS	US02/33924	CH 2 REMIND
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TITLE: THREE-DIMENSIONAL NON-WOVEN MEDIA

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MASTER FILE REPORT  
20MR2003

9 28 PAGE: 2

PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: MDL

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
04MY2003	H504.12-0004 HONEYWELL	09/842586	LAST DAY FINAL

TITLE: COMPACT VIBRATION ISOLATION SYSTEM FOR AN INE

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05MY2003	O119.12-0007 OSMONICS	09/550814	AMEND DUE
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TITLE: METHOD OF PRODUCING A NON-WOVEN DEPTH FILTER

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08MY2003	D377.13-0001 KHANH DINH	US02/00407	PCT REMIND
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TITLE: ENERGY EFFICIENT TOBACCO CURING AND DRYING SY

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20MR2003

9 28

PAGE:

1

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: MRR

ACTION DATE	K&L FILE NO	App No	Action Description
02FE2003	I194.13-0001	01979418.9	PCT REMIND

INTERNATIONAL PROJECTS CONSULTANCY

TITLE: AUTOMATED LOAN PROCESSING SYSTEM AND METHOD

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02FE2003	I194.13-0002	US01/31010	PCT REMIND
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INTERNATIONAL PROJECTS CONSULTANCY

TITLE: OBJECT BASED WORKFLOW SYSTEM AND METHOD

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12MR2003	G347.312-0001	10/319442	IDS DUE
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CSPTAL (Guangzhou Institute of

TITLE: SUPPORTED CATALYSTS FOR THE FIXATION OF CARBO

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02AP2003	C569.12-0001	60/393143	REVIEW FOR USA
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FILING

CMS Catalog Marketing Services

TITLE: CIRCULATION OPTIMZATION METHOD

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02AP2003	I194.13-0001	01979418.9	PCT NAT'L
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INTERNATIONAL PROJECTS CONSULTANCY

TITLE: AUTOMATED LOAN PROCESSING SYSTEM AND METHOD

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02AP2003	I194.13-0001	01979418.9	Application
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Deadline

INTERNATIONAL PROJECTS CONSULTANCY

TITLE: AUTOMATED LOAN PROCESSING SYSTEM AND METHOD

MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: MRR

ACTION DATE	K&L FILE NO	App No	Action Description
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02AP2003	I194.13-0002	US01/31010	NATIONAL PHASE
EXTENSION PERIOD PCT			
INTERNATIONAL PROJECTS CONSULTANCY			
TITLE: OBJECT BASED WORKFLOW SYSTEM AND METHOD			
<hr/>			
02AP2003	I194.13-0002	US01/31010	PCT NAT'L
INTERNATIONAL PROJECTS CONSULTANCY			
TITLE: OBJECT BASED WORKFLOW SYSTEM AND METHOD			
<hr/>			
02AP2003	I194.13-0003		Application
Deadline	INTERNATIONAL PROJECTS CONSULTANCY		
TITLE: AUTOMATED LOAN PROCESSING SYSTEM AND METHOD			
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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
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05SE2002	LL11.13-0085 LAND O'LAKES INC	515241	RESPONSE DUE

TITLE: METHOD AND COMPOSITION FOR ENHANCING MILK PRO

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09OC2002	LL11.13-0090	US02/07268	FILE DEMAND FOR PRE
EXAM PCT CH II	LAND O'LAKES INC		

TITLE: METHOD OF FEEDING A RUMINANT

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09OC2002	LL11.13-0090	US02/07268	CH 2 DUE
	LAND O'LAKES INC		

TITLE: METHOD OF FEEDING A RUMINANT

---

17OC2002	LL11.13-0094	518419	Dec/Auth
	LAND O'LAKES INC		

TITLE: METHOD OF FORMING A BUTTER/MARGARINE BLEND

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03DE2002	LL11.12-0088	10/147556	AMEND DUE
	LAND O'LAKES INC		

TITLE: MILK PRODUCTION ENHANCEMENT COMPOSITION

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22DE2002	LL11.12-0077		PCT NAT'L
	LAND O'LAKES INC		

TITLE: METHOD FOR IMPROVING MEMBRANE PROCESSING OF W

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
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31JA2003	LL11.13-0088 LAND O'LAKES INC	2384590	EXAM REMIND

TITLE: PROCESSES FOR MAKING PROTEIN HYDROLYSATES FRO

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13FE2003	LL31.13-0006 LOL (LL31) Purina Mills and Purdue	US02/25735	CH 2 REMIND
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TITLE: BOVINE LEPTIN PROTEIN ANTISENSE AND ANTIBODY

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03MR2003	LL11.12-0088 LAND O'LAKES INC	10/147556	LAST DAY
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TITLE: MILK PRODUCTION ENHANCEMENT COMPOSITION

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05MR2003	A351.12-0001 AERO DESIGN & MANUFACTURING CO INC	09/744036	AMEND DUE
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TITLE: EVAPORATIVE COOLING FABRIC

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13MR2003 EXAM PCT CH II	LL31.13-0006 LOL (LL31) Purina Mills and Purdue	US02/25735	FILE DEMAND FOR PRE
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TITLE: BOVINE LEPTIN PROTEIN ANTISENSE AND ANTIBODY

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13MR2003	LL31.13-0006 LOL (LL31) Purina Mills and Purdue	US02/25735	CH 2 DUE
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TITLE: BOVINE LEPTIN PROTEIN ANTISENSE AND ANTIBODY

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
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19MR2003	LL11.13-0102 LAND O'LAKES INC	US02/29821	CH 2 REMIND

TITLE: CARAMEL CORN PRODUCT AND A METHOD FOR MAKING

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13AP2003	LL11.12-0090 LAND O'LAKES INC	00	IDS DUE
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TITLE: FOOD COMPOSITIONS INCLUDING RESISTANT STARCH

---

15AP2003	C514.12-0003 Chi's Research Corporation	09/882950	AMEND DUE
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TITLE: FUNCTIONAL BAKING

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19AP2003 EXAM PCT CH II	LL11.13-0102 LAND O'LAKES INC	US02/29821	FILE DEMAND FOR PRE
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TITLE: CARAMEL CORN PRODUCT AND A METHOD FOR MAKING

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19AP2003	LL11.13-0102 LAND O'LAKES INC	US02/29821	CH 2 DUE
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TITLE: CARAMEL CORN PRODUCT AND A METHOD FOR MAKING

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22AP2003	LL11.12-0096 LAND O'LAKES INC	10/349743	IDS DUE
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TITLE: METHOD AND COMPOSITION FOR IMPROVING THE HEAL

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20MR2003

9 28 PAGE: 4

PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
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03MY2003	LL11.12-0073 LAND O'LAKES INC	09/392243	REPLY BRIEF DUE

TITLE: PROCESSES FOR MAKING PROTEIN HYDROLYSATES FRO

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10MY2003	B372.12-0010 BEDFORD INDUSTRIES INC	09/613199	2 MO FINAL
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TITLE: WIRELESS POLYMERIC TWIST TIE

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12MY2003	A351.12-0002 AERO DESIGN & MANUFACTURING CO INC	09/787497	AMEND DUE
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TITLE: IMPACT ABSORBING COMPOSITE

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12MY2003 REQUEST EXAMINATION	LL11.13-0095 LAND O'LAKES INC	24672/01	DIRECTION TO
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TITLE: METHOD OF FORMING A BUTTER/MARGARINE BLEND

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MASTER FILE REPORT  
20MR2003

9 28 PAGE: 1

PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: PGK

ACTION DATE	K&L FILE NO	App No	Action Description
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27AP2003	I 69.12-0552 SEAGATE TECHNOLOGY, LLC	10/271954	2 MO FINAL

TITLE: PLANAR WRITER FOR MERGED GMR RECORDING HEAD

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MASTER FILE REPORT  
20MR2003

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: PJI

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	---	-----
18AP2003	M 81.12-0060	60/396850	REVIEW FOR USA

FILING

MINNESOTA SCIENTIFIC INC

TITLE: METHOD FOR REPLACING KNEE JOINT

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: PPK

ACTION DATE	K&L FILE NO	App No	Action Description
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02FE2003	N 95.13-0025 NOW TECHNOLOGIES INC	2000-7008460	EXAM REMIND

TITLE: LIQUID CHEMICAL DISPENSING SYSTEM

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19FE2003	N 95.13-0021 NOW TECHNOLOGIES INC	99-7008159	EXAM DUE
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TITLE: LIQUID CHEMICAL DISPENSING SYSTEM WITH SENSOR

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15AP2003	R383.13-0003 REELL PRECISION MANUFACTURING	96198250.0	FINAL FEE DUE
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TITLE: CLIP FRICTION HINGE

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
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26JL2002	C348.13-0051	P-971557	BACK TAXES TO BE
PAID	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: NASAL DILATOR WITH AREAS OF ADHESIVE ENGAGEME		
<hr/>			
29NO2002	N247.12-0040	10/230474	IDS DUE
	NONVOLATILE ELECTRONICS INC		
	TITLE: ANTIPARALLEL MAGNETORESISTIVE MEMORY CELLS		
<hr/>			
05DE2002	C348.13-0064	9-522838	EXAM REMIND
	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: DILATOR PEEL FORCE REDUCTION		
<hr/>			
22DE2002	C348.13-0009	511636/92	BACK TAXES TO BE
PAID	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: NASAL DILATOR		
<hr/>			
26DE2002	N247.12-0042	60/367671	REVIEW FOR USA
FILING	NONVOLATILE ELECTRONICS INC		
	TITLE: SUPERPARAMAGNETIC MATERIALS IN MAGNETIC DEVIC		
<hr/>			
27DE2002	N247.12-0043	60/368172	REVIEW FOR USA
FILING	NONVOLATILE ELECTRONICS INC		
	TITLE: SPIN DEPENDENT TUNNELING DEVICES HAVING ORANG		

MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
31JA2003	R193.12-0015	10/284926	IDS DUE

TITLE: ROBOTIC MANIPULATOR

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26MR2003	N247.12-0042	60/367671	FF LAST DAY
	NONVOLATILE ELECTRONICS INC		

TITLE: SUPERPARAMAGNETIC MATERIALS IN MAGNETIC DEVIC

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26MR2003	N247.12-0042	60/367671	EXPIRES
	NONVOLATILE ELECTRONICS INC		

TITLE: SUPERPARAMAGNETIC MATERIALS IN MAGNETIC DEVIC

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27MR2003	N247.12-0043	60/368172	FF LAST DAY
	NONVOLATILE ELECTRONICS INC		

TITLE: SPIN DEPENDENT TUNNELING DEVICES HAVING ORANG

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27MR2003	N247.12-0043	60/368172	EXPIRES
	NONVOLATILE ELECTRONICS INC		

TITLE: SPIN DEPENDENT TUNNELING DEVICES HAVING ORANG

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10AP2003	C348.13-0045	34747	EXAM DUE
	CREATIVE INTEGRATION&DESIGN INC		

TITLE: DILATOR PEEL FORCE REDUCTION

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MASTER FILE REPORT  
20MR2003

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
13AP2003	R193.13-0008 ROSS-HIME DESIGNS INC	507348/92	RESPONSE DUE

TITLE: MINIATURE LINEAR ACTUATOR

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19AP2003	C348.13-0036 CREATIVE INTEGRATION&DESIGN INC	96944225.0	RESPONSE DUE
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TITLE: DILATOR PEEL FORCE REDUCTION

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27AP2003	A789.13-0001 A.C.T. ELECTRONICS, INC	2307179	EXAM REMIND
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TITLE: SOLID STATE RELAY

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29AP2003	N247.12-0027 NONVOLATILE ELECTRONICS INC	09/677170	ISSUE FEE DUE
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TITLE: MAGNETIC DIGITAL SIGNAL COUPLER MONITOR

---

30AP2003	R193.13-0018 ROSS-HIME DESIGNS INC	US02/34949	CH 2 REMIND
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TITLE: ROBOTIC MANIPULATOR

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03MY2003	C348.13-0085 CREATIVE INTEGRATION&DESIGN INC	P-330790	FINAL FEE DUE
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TITLE: NASAL DILATOR WITH AREAS OF ADHESIVE ENGAGEME

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
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13MY2003	R193.13-0008	507348/92	RESPONSE DUE
	ROSS-HIME DESIGNS INC		

TITLE: MINIATURE LINEAR ACTUATOR

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: UCHE

ACTION DATE	K&L FILE NO	App No	Action Description
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12AP2003	C514.12-0002 Chi's Research Corporation	09/495960	2 MO FINAL
TITLE: METHOD OF VEGETABLE PROCESSING			

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17AP2003	A809.12-0002	60/396467	REVIEW FOR USA
FILING	Annexsys, Incorporated		
TITLE: ENTERPRISE RESOURCE PROCUREMENT SYSTEM AND ME			

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12MY2003	C514.12-0002 Chi's Research Corporation	09/495960	AMN DUE FINAL
TITLE: METHOD OF VEGETABLE PROCESSING			

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MASTER FILE REPORT  
20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
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21NO2002	LL11.18-0025 LAND O'LAKES INC		APPLICATION MAILED?

TITLE: CONTINUOUS ON-DEMAND MANUFACTURE OF PROCESS C

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21NO2002	LL11.18-0026 LAND O'LAKES INC		APPLICATION MAILED?
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TITLE: CONTINUOUS MANUFACTURE OF PROCESS CHEESE

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17DE2002 EXAM PCT CH II	L187.13-0031 LASER MACHINING INC	US02/15938	FILE DEMAND FOR PRE
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TITLE: METHOD AND APPARATUS FOR IMPROVING LASER HOLE

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17DE2002	L187.13-0031 LASER MACHINING INC	US02/15938	CH 2 DUE
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TITLE: METHOD AND APPARATUS FOR IMPROVING LASER HOLE

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05FE2003	H561.12-0001 H.G. SPECIALTY TOOLS INC	09/949490	AMEND DUE
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TITLE: TAMPING TOOL

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08FE2003	E244.12-0001 Ewert, Terry	09/965550	AMEND DUE
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TITLE: ATHLETIC TORQUE STRAP

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## MASTER FILE REPORT

20MR2003

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PCMASTER REPORTER

MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
19MR2003	W410.12-0006 WESTAR MFG. CORP	09/522972	AMEND DUE

TITLE: SAUSAGE LINK LOADER AND METHOD OF USING SAME

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21MR2003	C458.12-0014 CELLTHERAPY INC	09/127141	AMEND DUE
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TITLE: AUTOLOGOUS IMMUNE CELL THERAPY: CELL COMPOSI

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24MR2003	P430.12-0002 PRIMERA FOODS CORPORATION	09/917433	AMN DUE FINAL
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TITLE: APPARATUS AND PROCESS FOR COATING PARTICLES

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04AP2003	A425.12-0002 Arrowhead	10/325498	MSG PARTS DUE
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TITLE: ADHESIVE FILM COMPOSITION

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07AP2003	L187.13-0032 LASER MACHINING INC	US02/28279	CH 2 DUE
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TITLE: METHOD OF CREATING EASY-OPEN FOR LOADING CARR

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07AP2003 EXAM PCT CH II	L187.13-0032 LASER MACHINING INC	US02/28279	FILE DEMAND FOR PRE
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TITLE: METHOD OF CREATING EASY-OPEN FOR LOADING CARR

MASTER FILE REPORT  
20MR2003

9 28 PAGE: 3

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE -----	K&L FILE NO -----	App No -----	Action Description -----
07AP2003 EXAM PCT CH II	L187.13-0033	US02/28510	FILE DEMAND FOR PRE

LASER MACHINING INC

TITLE: SYSTEM AND METHOD FOR SYNCHRONIZING A LASER B

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07AP2003	L187.13-0033	US02/28510	CH 2 DUE
	LASER MACHINING INC		

TITLE: SYSTEM AND METHOD FOR SYNCHRONIZING A LASER B

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19AP2003	LL11.12-0053	10/126294	FF LAST DAY
	LAND O'LAKES INC		

TITLE: NON-HERMETICALLY SEALED FOOD PACKAGE AND METH

---

23AP2003	C535.12-0002	09/873481	AMN DUE FINAL
	COTTONWOOD WELDING & MACHINE INC		

TITLE: HYDRAULICALLY OPERATED OVERHEAD DOOR

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23AP2003 OFFICE	R606.13-0006	40038/99	ACCEPTANCE BY PTO
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RIVER VALLEY ENDODONTICS, PA

TITLE: DENTAL ROOT CANAL FILLING RETROFILLING AND PE

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25AP2003	M857.13-0006	79606-00	RESPONSE DUE
	Minson Enterprises Co., Ltd		

TITLE: FOLDABLE SKATEBOARD

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20MR2003

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
25AP2003	M920.12-0001 John Michelizzi	10/202808	FF LTR DUE

TITLE: PEN WARMER

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28AP2003	M 81.12-0052 MINNESOTA SCIENTIFIC INC	09/864681	ISSUE FEE DUE
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TITLE: CAM-WEDGE LOCKING MECHANISM

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28AP2003	M 81.12-0052 MINNESOTA SCIENTIFIC INC	09/864681	DRAWINGS
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TITLE: CAM-WEDGE LOCKING MECHANISM

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01MY2003	K308.13-0005 STEPHAN W. KORSTAD	99806345.2	FINAL FEE DUE
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TITLE: COMBUSTION ENHANCER

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02MY2003	LL11.12-0079 LAND O'LAKES INC	10/210956	FF LTR DUE
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TITLE: METHOD FOR CHEESE MANUFACTURE

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05MY2003	H561.12-0001 H.G. SPECIALTY TOOLS INC	09/949490	LAST DAY
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TITLE: TAMPING TOOL

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20MR2003

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MARCH 2003 - 20TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
08MY2003	E244.12-0001 Ewert, Terry	09/965550	LAST DAY

TITLE: ATHLETIC TORQUE STRAP

---

10MY2003	LL11.12-0093 LAND O'LAKES INC	10/342139	MISSING PARTS DUE
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TITLE: CHEESE PRODUCT AND METHOD OF MAKING

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12MY2003	M857.13-0002 Minson Enterprises Co., Ltd	99934	RESPONSE DUE
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TITLE: FOLDABLE SKATEBOARD

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04AP2003

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PCMASTER REPORTER

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
19DE2002	M881.12-0013 MITEC INC	60/365628	REVIEW FOR USA FILING

TITLE: IRRADIATION SYSTEM WITH IMPROVED DOSAGE UNIFO

02FE2003	C179.12-0009 CORTRON CORPORATION	60/377369	REVIEW FOR USA FILING
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TITLE: FLEXOGRAPHIC PRINTING REFLECTOR

13MR2003	H550.12-0005 HORTON INC	09/933932	AMEND DUE
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TITLE: CIRCUMFERENTIAL ARC SEGMENT MOTOR COOLING FAN

16MR2003	V 44.12-0132 Agere Systems Inc.	09/474175	ISSUE FEE DUE
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TITLE: DIGITAL PROCESSING OF PILOT-TONE AMPLITUDES

16MR2003	V 44.12-0132 Agere Systems Inc.	09/474175	DRAWINGS
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TITLE: DIGITAL PROCESSING OF PILOT-TONE AMPLITUDES

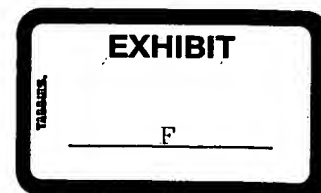
18MR2003	M546.13-0004 3M Innovative Properties Company	US01/50117	RESPONSE DUE
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TITLE: ADHESIVE MEASURING TAPE

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
19MR2003	M881.12-0013 MITEC INC	60/365628	FF LAST DAY

TITLE: IRRADIATION SYSTEM WITH IMPROVED DOSAGE UNIFO

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19MR2003	M881.12-0013 MITEC INC	60/365628	EXPIRES
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TITLE: IRRADIATION SYSTEM WITH IMPROVED DOSAGE UNIFO

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23MR2003	I 69.12-0481 SEAGATE TECHNOLOGY, LLC	09/613376	2 MO FINAL
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TITLE: PROCESS OF FORMING A MAGNETIC MICROACTUATOR

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26MR2003	P440.12-0001 Polar Fab	10/183911	FF LTR DUE
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TITLE: SYSTEM AND METHOD FOR DEFINING SEMICONDUCTOR

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28MR2003	U 43.13-0067 UROLOGIX INC	31188/00	RESPONSE DUE
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TITLE: METHOD OF CONTROLLING THERMAL THERAPY

---

06AP2003	C179.12-0007 CORTRON CORPORATION	09/843526	AMEND DUE
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TITLE: DIGITAL IMAGING SYSTEM EMPLOYING NON-COHERENT

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04AP2003

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PCMASTER REPORTER

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
13AP2003	I 69.12-0431 SEAGATE TECHNOLOGY, LLC	09/490420	AMN DUE FINAL

TITLE: MAGNETIC MICROACTUATOR WITH CAPACITIVE POSITI

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18AP2003	M881.12-0014 MITEC INC	10/198565	FF LTR DUE
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TITLE: DIRECT INJECTION ACCELERATOR METHOD AND SYSTE

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19AP2003 EXAM PCT CH II	U 43.13-0078 UROLOGIX INC	US02/29604	FILE DEMAND FOR PRE
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TITLE: MICROWAVE ABLATION DEVICE

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19AP2003	U 43.13-0078 UROLOGIX INC	US02/29604	CH 2 DUE
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TITLE: MICROWAVE ABLATION DEVICE

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20AP2003	U 43.13-0070 UROLOGIX INC	39149/00	RESPONSE DUE
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TITLE: THERMAL THERAPY CATHETER

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23AP2003	I 69.12-0481 SEAGATE TECHNOLOGY, LLC	09/613376	AMN DUE FINAL
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TITLE: PROCESS OF FORMING A MAGNETIC MICROACTUATOR

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PCMASTER REPORTER

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
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27AP2003	H550.12-0048 HORTON INC		Application Deadline

TITLE: BRUSHLESS DC RING MOTOR COOLING SYSTEM

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02MY2003	C179.12-0009 CORTRON CORPORATION	60/377369	FF LAST DAY
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TITLE: FLEXOGRAPHIC PRINTING REFLECTOR

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02MY2003	C179.12-0009 CORTRON CORPORATION	60/377369	EXPIRES
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TITLE: FLEXOGRAPHIC PRINTING REFLECTOR

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07MY2003	I 69.12-0566 SEAGATE TECHNOLOGY, LLC	10/360900	IDS DUE
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TITLE: DISC DRIVE SLIDER TEST SOCKET

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12MY2003	I 69.12-0451 SEAGATE TECHNOLOGY, LLC	09/587312	ISSUE FEE DUE
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TITLE: MICROACTUATOR ASSEMBLY HAVING IMPROVED STANDO

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12MY2003	I 69.12-0451 SEAGATE TECHNOLOGY, LLC	09/587312	DRAWINGS
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TITLE: MICROACTUATOR ASSEMBLY HAVING IMPROVED STANDO

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
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19MY2003	M546.12-0006	09/727231	AMEND DUE
	3M Innovative Properties Company		
	TITLE: MAT PRODUCT COMMUNICATION SYSTEM		

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26MY2003	M546.12-0007	09/761081	AMEND DUE
	3M Innovative Properties Company		
	TITLE: ADHESIVE MEASURING TAPE		

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: AMM

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
31MR2003	I 69.12-0573 SEAGATE TECHNOLOGY, LLC		Application Deadline

TITLE: COLLIMATOR GRID FOR OBLIQUE DEPOSITION WITH A

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14MY2003	I 69.12-0582 SEAGATE TECHNOLOGY, LLC	DRAFT TO CLIENT?
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TITLE: APERATURE FOR OBLIQUE WITH AZIMUTHAL SYMMETRY

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20MY2003	I 69.12-0586 SEAGATE TECHNOLOGY, LLC	DRAFT TO CLIENT?
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TITLE: SUB-1.0T MAGNETIC MATERIALS AS MAGNETIC POLES

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28MY2003	B771.12-0003 BIOTRAN CORPORATION INC	10/377354	IDS DUE
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TITLE: PROCESS FOR PRODUCING STEERABLE SHEATH CATHET

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ATB

ACTION DATE	K&L FILE NO	App No	Action Description
14AP2003	I 69.12-0455 SEAGATE TECHNOLOGY, LLC	09/657884	AMEND DUE

TITLE: STRUCTURE AND FABRICATION PROCESS FOR INTERGR

---

22AP2003	C516.12-0009 CARDIA INC	10/348865	IDS DUE
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TITLE: ARTICULATED CENTER POST

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22AP2003	C516.12-0011 CARDIA INC	10/348701	IDS DUE
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TITLE: OCCLUSION DEVICE HAVING FIVE OR MORE ARMS

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22AP2003	C516.12-0016 CARDIA INC	10/349744	IDS DUE
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TITLE: SEPTAL STABILIZATION DEVICE

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22AP2003	C516.12-0019 CARDIA INC	10/349118	IDS DUE
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TITLE: HOOP DESIGN FOR OCCLUSION

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22AP2003	C516.12-0020 CARDIA INC	10/348864	IDS DUE
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TITLE: LAMINATED SHEETS FOR USE IN A FULLY RETRIEVAB

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ATB

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
29AP2003	D271.12-0002	10/038940	AMEND DUE

THE DIAGNOSTIC GROUP INC

TITLE: COMBINATION ULTRAVIOLET CURING AND INFRARED D

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30AP2003	F373.12-0001	10/136857	FF LAST DAY
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F-M Enterprises, Inc.

TITLE: MACHINING CENTER FOR FINISHING A PATIO DOOR S

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03MY2003	I 69.12-0458	09/711357	AMEND DUE
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SEAGATE TECHNOLOGY, LLC

TITLE: FLEXIBLE CIRCUIT DESIGNS WITH IMPROVED DAMPIN

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13MY2003	I 69.12-0459	09/742569	2 MO FINAL
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SEAGATE TECHNOLOGY, LLC

TITLE: MICROACTUATOR MAGNETIC CIRCUIT

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15MY2003	U 66.13-0002	US02/32816	CH 2 REMIND
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UNIVERSITY OF NORTH DAKOTA

TITLE: PREPARATION OF THIN LEAD SAMPLE FOR ALPHA PAR

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18MY2003	C516.12-0020	10/348864	EXAM DUE
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CARDIA INC

TITLE: LAMINATED SHEETS FOR USE IN A FULLY RETRIEVAB

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ATB

ACTION DATE	K&L FILE NO	App No	Action Description
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20MY2003	I 69.12-0585		DRAFT TO CLIENT?
	SEAGATE TECHNOLOGY, LLC		

TITLE: MICRO-ACTUATION APPARATUS FOR HEAD ABS PLANAR

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27MY2003	I 69.12-0477	09/828489	ISSUE FEE DUE
	SEAGATE TECHNOLOGY, LLC		

TITLE: METHOD FOR CONTROLLING MRE STRIPE HEIGHT

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: BRM

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
21JA2003	I132.12-0002		Application Deadline
	Innervision by Henry, Inc.		
	TITLE: SAFETY HELMET SYSTEM		

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: CJB

ACTION DATE	K&L FILE NO	App No	Action Description
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15FE2003	A792.12-0017 Advanced Respiratory, Inc.	10/298242	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
<hr/>			
15FE2003	A792.12-0018 Advanced Respiratory, Inc.	10/298240	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
<hr/>			
15FE2003	A792.12-0019 Advanced Respiratory, Inc.	10/295782	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
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15FE2003	A792.12-0020 Advanced Respiratory, Inc.	10/298211	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
<hr/>			
15FE2003	A792.12-0021 Advanced Respiratory, Inc.	10/298272	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
<hr/>			
15FE2003	A792.12-0022 Advanced Respiratory, Inc.	10/298245	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: CJB

ACTION DATE	K&L FILE NO	App No	Action Description
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15FE2003	A792.12-0023	10/298167	IDS DUE

Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0024	10/298267	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0025	29/171044	IDS DUE
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Advanced Respiratory, Inc.

TITLE: AIR PULSE GENERATOR

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28AP2003	N306.12-0001	09/630375	2 MO FINAL
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NORTHERN ALTERNATIVE ENERGY

TITLE: ENERGY SYSTEM PROVIDING CONTINUAL ELECTRIC PO

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15MY2003	A792.12-0025	29/171044	FF LAST DAY
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Advanced Respiratory, Inc.

TITLE: AIR PULSE GENERATOR

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28MY2003	N306.12-0001	09/630375	AMN DUE FINAL
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NORTHERN ALTERNATIVE ENERGY

TITLE: ENERGY SYSTEM PROVIDING CONTINUAL ELECTRIC PO

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: DMC

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
12MY2003	I 69.12-0448 SEAGATE TECHNOLOGY, LLC	09/541218	ISSUE FEE DUE

TITLE: EDGE BARRIER TO PREVENT SPIN VALVE SENSOR COR

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: DRD

ACTION DATE	K&L FILE NO	App No	Action Description
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12AP2003	E248.13-0001	US02/32798	CH 2 REMIND
	Enviro-Care Company		
	TITLE: DEBRIS REMOVAL SYSTEM		

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12MY2003	E248.13-0001	US02/32798	CH 2 DUE
	Enviro-Care Company		
	TITLE: DEBRIS REMOVAL SYSTEM		

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12MY2003	E248.13-0001	US02/32798	FILE DEMAND FOR PRE
EXAM PCT CH II	Enviro-Care Company		
	TITLE: DEBRIS REMOVAL SYSTEM		

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
11FE2003	I 69.12-0571 SEAGATE TECHNOLOGY, LLC	60/421974	DRAFT TO CLIENT?
TITLE: SV SENSOR WITH HARD BIAS STABILIZATION			
<hr/>			
10MR2003	I 69.12-0474 SEAGATE TECHNOLOGY, LLC	09/755019	RESPONSE DUE
TITLE: VERY HIGH LINEAR RESOLUTION CPP DIFFERENTIAL			
<hr/>			
27MR2003	N 95.13-0006 NOW TECHNOLOGIES INC	320596/92	RESPONSE DUE
TITLE: LIQUID CHEMICAL HANDLING SYSTEM FOR HIGH PURI			
<hr/>			
08AP2003	M278.12-0029 MEDWAVE	60/370685	EXPIRES
TITLE: METHOD FOR MEASUREMENT OF SYSTOLIC AND DIASTO			
<hr/>			
09AP2003	A810.12-0002 Ameritek Industries	60/394552	REVIEW FOR USA FILING
TITLE: SPECIAL HANDLE AND ROPING SYSTEM FOR THE RETR			
<hr/>			
12AP2003	S837.12-0004 SPX CORPORATION	09/895831	2 MO FINAL
TITLE: DIS IGNITION SIGNAL PROCESSING FOR AUTOMOTIVE			
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
06MY2003	I 69.12-0474 SEAGATE TECHNOLOGY, LLC	09/755019	LAST DAY FINAL
TITLE: VERY HIGH LINEAR RESOLUTION CPP DIFFERENTIAL			
<hr/>			
12MY2003	S837.12-0004 SPX CORPORATION	09/895831	AMN DUE FINAL
TITLE: DIS IGNITION SIGNAL PROCESSING FOR AUTOMOTIVE			
<hr/>			
13MY2003	S603.13-0066 Metso Minerals Industries, Inc.	709434/97	FINAL FEE DUE
TITLE: SELF-ALIGNING LINEAR BEARING			
<hr/>			
14MY2003	A810.12-0003 Ameritek Industries	60/403515	REVIEW FOR USA FILING
TITLE: POWER ASSISTED SHOPPING CART MACHINE ATTACHME			
<hr/>			
14MY2003	Q 33.12-0001 QRS Diagnostic		STATUS INQUIRY?
TITLE: UNIVERSAL ECG CABLE INTERFACE			
<hr/>			
19MY2003	C553.12-0001 Carry All Saddle Dolly	09/877339	2 MO FINAL
TITLE: TRANSPORTABLE SADDLE RACK AND EQUIPMENT CARRI			
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
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20MY2003	A792.12-0006 Advanced Respiratory, Inc.	09/412459	AMEND DUE
TITLE: AIRWAY TREATMENT APPARATUS WITH BIAS LINE CAN			
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21MY2003	M278.13-0021 MEDWAVE	95197644.3	RESPONSE DUE
TITLE: METHOD AND APPARATUS FOR CALCULATING BLOOD PR			
<hr/>			
22MY2003 EXTENSION PERIOD PCT	M278.13-0046 MEDWAVE	US01/43450	NATIONAL PHASE
TITLE: WRIST-MOUNTED BLOOD PRESSURE MEASUREMENT DEVI			
<hr/>			
22MY2003	M278.13-0046 MEDWAVE	US01/43450	PCT NAT'L
TITLE: WRIST-MOUNTED BLOOD PRESSURE MEASUREMENT DEVI			
<hr/>			
22MY2003	M278.13-0047 MEDWAVE	US01/43407	PCT NAT'L
TITLE: DOCKING STATION FOR PORTABLE MEDICAL DEVICES			
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22MY2003 EXTENSION PERIOD PCT	M278.13-0047 MEDWAVE	US01/43407	NATIONAL PHASE
TITLE: DOCKING STATION FOR PORTABLE MEDICAL DEVICES			
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
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23MY2003	L530.12-0001	10/154521	FF LAST DAY

Daniel L. Larson

TITLE: COLUMN PROTECTOR

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25MY2003	A792.12-0003	09/387319	AMEND DUE
	Advanced Respiratory, Inc.		

TITLE: PNEUMATIC CHEST COMPRESSION VEST WITH FRONT P

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27MY2003	M918.12-0001	10/228589	FF LTR DUE
	Mico Products, Inc.		

TITLE: MONITORING AND SECURITY SYSTEMS

---

27MY2003	V 44.12-0137	09/725441	AMEND DUE
	Agere Systems Inc.		

TITLE: READ/WRITE SYSTEM WITH REDUCED WRITE-TO-READ

---

28MY2003	I 69.12-0417	09/380457	AMEND DUE
	SEAGATE TECHNOLOGY, LLC		

TITLE: SPIN VALVE SENSOR WITH SPECULAR ELECTRON SCAT

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: GAB

ACTION DATE	K&L FILE NO	App No	Action Description
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10MR2003	W232.12-0017 INSTY*BIT INC		Application Deadline

TITLE: AUTOMATIC TOOL-BIT HOLDER

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10AP2003	I 69.12-0433 SEAGATE TECHNOLOGY, LLC	09/553220	AMN DUE FINAL
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TITLE: BENDING MICROACTUATOR HAVING A TWO PIECE SUSP

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21AP2003	A792.12-0012 Advanced Respiratory, Inc.	09/754672	AMEND DUE
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TITLE: MECHANICAL CHEST WALL OSSCILLATOR

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22AP2003	I 69.12-0507 SEAGATE TECHNOLOGY, LLC	10/008228	LAST DAY FINAL
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TITLE: SLIDER WITH A COMPLIANT TRANSDUCER INTERFACE

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02MY2003	R632.12-0001 Mary Repking	10/210916	FF LTR DUE
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TITLE: STRETCHING DEVICE

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04MY2003	A792.13-0006 Advanced Respiratory, Inc.	US02/00120	PCT REMIND
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TITLE: MECHANICAL CHEST WALL OSCILLATOR

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: GAB

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
10MY2003	I 69.12-0510 SEAGATE TECHNOLOGY, LLC	10/001661	AMEND DUE

TITLE: SLIDER WITH FURROWS FOR FLUSHING CONTAMINANTS

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12MY2003	M278.12-0026 MEDWAVE	09/594051	ISSUE FEE DUE
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TITLE: METHOD AND APPARATUS FOR CALCULATING BLOOD PR

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12MY2003	V180.13-0001 Vbox, Incorporated	US02/00817	PCT REMIND
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TITLE: PRESSURE SWING ADSORPTION GAS SEPARATION METH

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13MY2003	V180.12-0001 Vbox, Incorporated	10/244240	AMEND DUE
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TITLE: PRESSURE SWING ADSORPTION GAS SEPARATION METH

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20MY2003	I 69.12-0494 SEAGATE TECHNOLOGY, LLC	09/866942	AMEND DUE
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TITLE: FABRICATION METHOD FOR INTEGRATED MICROACTUAT

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20MY2003	I 69.12-0583 SEAGATE TECHNOLOGY, LLC		DRAFT TO CLIENT?
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TITLE: PATTERNED MULTI-MATERIAL BASECOAT TO REDUCE T

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: GAB

ACTION DATE	K&L FILE NO	App No	Action Description
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20MY2003	P443.12-0001 Power Quality	10/223985	FF LTR DUE
TITLE: METER POWER TRANSFER SWITCH			
<hr/>			
20MY2003	S603.13-0096 Metso Minerals Industries, Inc.	US01/43648	PCT NAT'L
TITLE: AIR INJECTION FOR NITROGEN OXIDE REDUCTION AN			
<hr/>			
20MY2003 EXTENSION PERIOD PCT	S603.13-0096 Metso Minerals Industries, Inc.	US01/43648	NATIONAL PHASE
TITLE: AIR INJECTION FOR NITROGEN OXIDE REDUCTION AN			
<hr/>			
21MY2003	I 69.12-0487 SEAGATE TECHNOLOGY, LLC	09/808843	AMEND DUE
TITLE: MICRO-ACTUATOR STRUCTURE FOR IMPROVED STABILI			
<hr/>			
27MY2003	I 69.12-0548 SEAGATE TECHNOLOGY, LLC	10/375621	IDS DUE
TITLE: MULTILAYER MAGNETIC SHIELDS WITH COMPENSATED			
<hr/>			

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: GMC

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
05MR2003	S697.13-0041 STRATASYS, INC	99909897.3	RESPONSE DUE

TITLE: WATER SOLUBLE RAPID PROTOTYPING SUPPORT AND M

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13MR2003	S697.13-0048 STRATASYS, INC	1922/CAL/96	RESPONSE DUE
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TITLE: METHOD AND APPARATUS FOR SOLID PROTOTYPING

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01AP2003	S697.12-0066 STRATASYS, INC	10/187323	FF LTR DUE
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TITLE: MATERIAL AND METHOD FOR THREE-DIMENSIONAL MOD

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17AP2003	S697.12-0060 STRATASYS, INC	10/124241	FF LAST DAY
----------	--------------------------------	-----------	-------------

TITLE: HIGH-PRECISION MODELING FILAMENT

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17AP2003	S697.12-0063 STRATASYS, INC	60/373332	FF LAST DAY
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TITLE: RAPID PROTOTYPE INJECTION MOLDING

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17AP2003	S697.12-0063 STRATASYS, INC	60/373332	EXPIRES
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TITLE: RAPID PROTOTYPE INJECTION MOLDING

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: GMC

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
17AP2003	S697.12-0064 STRATASYS, INC	60/373236	FF LAST DAY
TITLE: LAYERED DEPOSITION BRIDGE TOOLING			
<hr/>			
17AP2003	S697.12-0064 STRATASYS, INC	60/373236	EXPIRES
TITLE: LAYERED DEPOSITION BRIDGE TOOLING			
<hr/>			
17AP2003	S697.12-0065 STRATASYS, INC	60/373186	FF LAST DAY
TITLE: SMOOTHING METHOD FOR LAYERED DEPOSITION MODEL			
<hr/>			
17AP2003	S697.12-0065 STRATASYS, INC	60/373186	EXPIRES
TITLE: SMOOTHING METHOD FOR LAYERED DEPOSITION MODEL			
<hr/>			
17AP2003	S697.13-0086 STRATASYS, INC		Application Deadline
TITLE: RAPID PROTOTYPE INJECTION MOLDING			
<hr/>			
17AP2003	S697.13-0088 STRATASYS, INC		Application Deadline
TITLE: SMOOTHING METHOD FOR LAYERED DEPOSITION MODEL			
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: GMC

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
21AP2003	S697.13-0074	US02/29163	FILE DEMAND FOR PRE
EXAM PCT CH II			

STRATASYS, INC

TITLE: MELT FLOW COMPENSATION IN AN EXTRUSION APPARA

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21AP2003	S697.13-0074	US02/29163	CH 2 DUE
	STRATASYS, INC		

TITLE: MELT FLOW COMPENSATION IN AN EXTRUSION APPARA

---

13MY2003	S697.12-0050	09/618169	AMEND DUE
	STRATASYS, INC		

TITLE: AUTOINTIALIZATION IN A THREE-DIMENSIONAL MODE

---

15MY2003	S697.13-0067	00809321.0	RESPONSE DUE
	STRATASYS, INC		

TITLE: HIGH TEMPERATURE MODELING APPARATUS

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: HANM

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
27MY2003	I 69.12-0486 SEAGATE TECHNOLOGY, LLC	09/908244	AMEND DUE

TITLE: GIANT MAGNETORESISTIVE SENSOR WITH A MULTILAY

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
25AU2002	W293.312-0005	09/855206	2 MO FINAL
	WATERMARK (WINPAL PTY LIMITED TRADI		
	TITLE: ORTHOTIC DEVICE		
<hr/>			
25SE2002	W293.312-0005	09/855206	AMN DUE FINAL
	WATERMARK (WINPAL PTY LIMITED TRADI		
	TITLE: ORTHOTIC DEVICE		
<hr/>			
30OC2002	A227.12-0058	10/013306	FILE ASSIGNMENT
	ACE ORTHOPEDIC MANUFACTURING		
	TITLE: NON-METAL INSERTS FOR BONE SUPPORT ASSEMBLY		
<hr/>			
25DE2002	W293.312-0005	09/855206	LAST DAY FINAL
	WATERMARK (WINPAL PTY LIMITED TRADI		
	TITLE: ORTHOTIC DEVICE		
<hr/>			
26JA2003	M755.13-0003	US02/20535	FILE DEMAND FOR PRE
EXAM PCT CH II	MAMAC SYSTEMS		
	TITLE: MULTIPLE POINT AVERAGING DUCT TEMPERATURE SEN		
<hr/>			
26JA2003	M755.13-0003	US02/20535	CH 2 DUE
	MAMAC SYSTEMS		
	TITLE: MULTIPLE POINT AVERAGING DUCT TEMPERATURE SEN		
<hr/>			

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
04MR2003	A801.12-0001 ADVANCED CONTROLLED ELECTROMECHANIC	09/573742	AMN DUE FINAL
TITLE: PROCESS FOR CONTROLLING THE MANUFACTURING OF			
<hr/>			
12MR2003	W337.12-0014 THERMO SOLUTIONS	60/388424	REVIEW FOR USA FILING
TITLE: VARIATIONS ON THERMAL INSULATING PANELS AND C			
<hr/>			
25MR2003	E240.13-0001 EW TOOLING INC	US01/46779	PCT REMIND
TITLE: CONSTANT DIMENSION INSERT CUTTERHEAD WITH REG			
<hr/>			
28MR2003	X 04.312-0001 XENOBIOSIS	09/719901	2 MO FINAL
TITLE: EXTRACTION METHOD PHARMACEUTICAL COMPOSITION			
<hr/>			
02AP2003	I 69.12-0496 SEAGATE TECHNOLOGY, LLC	09/884796	AMEND DUE
TITLE: EXTENDED ALUMINA BASECOAT ADVANCED AIR BEARIN			
<hr/>			
08AP2003	W337.12-0015 THERMO SOLUTIONS	60/394334	REVIEW FOR USA FILING
TITLE: THERMAL INSULATED CONTAINER			
<hr/>			

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
10AP2003	T374.12-0003 Curt Tambornino	10/192392	FF LTR DUE
TITLE: BALL HITCH			
<hr/>			
14AP2003	T257.312-0005 WATERMARK (VASILIOS TOUTOUTNZIS)	09/425271	RESPONSE DUE
TITLE: TERMITE CONTROL			
<hr/>			
25AP2003	B774.312-0001 LOS & STIGTER	09/720632	2 MO FINAL
TITLE: METHOD OF INACTIVIATING VIRUSES			
<hr/>			
25AP2003	E240.13-0001 EW TOOLING INC	US01/46779	PCT NAT'L
TITLE: CONSTANT DIMENSION INSERT CUTTERHEAD WITH REG			
<hr/>			
25AP2003 EXTENSION PERIOD PCT	E240.13-0001 EW TOOLING INC	US01/46779	NATIONAL PHASE
TITLE: CONSTANT DIMENSION INSERT CUTTERHEAD WITH REG			
<hr/>			
28AP2003	X 04.312-0001 XENOBIOSIS	09/719901	AMN DUE FINAL
TITLE: EXTRACTION METHOD PHARMACEUTICAL COMPOSITION			
<hr/>			

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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10MY2003	B 87.312-0026 HERRMANN-TRENTEPOHL BOCKHORN	10/056898	2 MO FINAL
TITLE: VEHICLE WITH FRAME SUPPORT			
<hr/>			
12MY2003	S866.312-0004 Shell International B.V.	09/830137	ISSUE FEE DUE
TITLE: MAKING UP AND BREAKING OUT OF A TUBING STRING			
<hr/>			
12MY2003	S866.312-0004 Shell International B.V.	09/830137	DRAWINGS
TITLE: MAKING UP AND BREAKING OUT OF A TUBING STRING			
<hr/>			
13MY2003	S644.312-0003 SUBTERRA LIMITED	420086	EXPIRES
TITLE: JOINING TUBULAR MEMBERS			
<hr/>			
16MY2003	W399.12-0006 WINSOR ENTERTAINMENT CORPORATION	60/403977	REVIEW FOR USA FILING
TITLE: STREEK			
<hr/>			
17MY2003	G328.312-0001 GROENVELD ELECA BV	10/200732	2 MO FINAL
TITLE: SOUND DAMPING FILTER EAR PROTECTOR AND METHOD			
<hr/>			

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
21MY2003	S803.312-0007 SVEDALA INC - TRELLEX AB	09/972835	AMEND DUE

TITLE: SCRAPER BLADE ESPECIALLY CONVEYOR BELT SCRAPE

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24MY2003	B774.312-0002 LOS & STIGTER	10/373422	IDS DUE
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TITLE: METHOD OF INACTIVIATING VIRUSES

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25MY2003	B774.312-0001 LOS & STIGTER	09/720632	AMN DUE FINAL
----------	--------------------------------	-----------	---------------

TITLE: METHOD OF INACTIVIATING VIRUSES

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27MY2003	F264.312-0023 CABINET PATRICE VIDON	09/297787	ISSUE FEE DUE
----------	--	-----------	---------------

TITLE: PROTOTYPE SIGNALS CONSTRUCTION FOR MULTICARRI

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27MY2003	F264.312-0023 CABINET PATRICE VIDON	09/297787	DRAWINGS
----------	--	-----------	----------

TITLE: PROTOTYPE SIGNALS CONSTRUCTION FOR MULTICARRI

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27MY2003	S828.312-0015 CABINET PATRICE VIDON	09/546449	AMEND DUE
----------	--	-----------	-----------

TITLE: METHOD FOR PROVIDING A SERVICE SELECTION TO A

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
27MY2003	W460.312-0001	10/297243	MISSING PARTS DUE
	WOKUP!SA (Cabinet Patrice VIDON)		
	TITLE: MODULE FOR GENERATING OBJECTS FROM RAW DATA R		
<hr/>			
29MY2003	W337.12-0016	60/406859	REVIEW FOR USA FILING
	THERMO SOLUTIONS		
	TITLE: THERMALLY INSULATED CONTAINER WITH PCM SEED L		
<hr/>			
30MY2003	M913.12-0001	10/160470	FF LAST DAY
	Millennium Medical Technologies		
	TITLE: FIXATOR WITH OUTRIGGER		
<hr/>			

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
28FE2003	F386.13-0006 James Farrell	98925236.6	RESPONSE DUE
TITLE: APPARATUS AND METHOD FOR MAKING FROZEN DRINKS			
22MR2003	B787.13-0001 Bercom International, LLC		Application Deadline
TITLE: PAINT HOLDER WITH ADJUSTABLE FLEXIBLE STRAP\H			
22MR2003	B787.13-0002 Bercom International, LLC		Application Deadline
TITLE: PAINT HOLDER WITH ADJUSTABLE FLEXIBLE STRAP\H			
24MR2003	W232.12-0008 INSTY*BIT INC	09/523642	AMEND DUE
TITLE: CHUCK ADAPTOR			
28MR2003	C563.12-0001 V.H. Cooper & Co., Inc.,	00	FF LAST DAY
TITLE: METHOD FOR MAKING A FOWL WING CUT AND THE RES			
02AP2003	M519.12-0015 MINNESOTA MINING AND MANUFACTURING	09/821341	LAST DAY FINAL
TITLE: METHOD AND APPARATUS FOR KNURLING A WORKPIECE			

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
06AP2003	H550.13-0112 HORTON INC	39986/99	RESPONSE DUE

TITLE: ROTATIONAL CONTROL APPARATUS

---

13AP2003	K182.12-0023 KILTIE CORPORATION\VERSA-LOK	10/230025	AMEND DUE
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TITLE: MODULAR SEGMENTED RETAINING WALL

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13AP2003	M528.12-0016 MINNESOTA MINING AND MANUFACTURING	09/225886	AMN DUE FINAL
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TITLE: TAPE ROLL LINER/TAB APPLICATION APPARATUS AND

---

14AP2003	B745.12-0001 BATEMAN DON	09/549484	DRAWINGS
----------	-----------------------------	-----------	----------

TITLE: COMBINATION SNOWPLOW AND BUCKET

---

14AP2003	M541.12-0001 MINNESOTA MINING AND MANUFACTURING	09/632142	ISSUE FEE DUE
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TITLE: APPARATUS AND METHOD FOR BREATHING APPARATUS

---

25AP2003	K307.12-0002 Ted V. Kuck	09/908073	APPEAL BRF
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TITLE: METHOD FOR PREPARING FOWL MEAT CUT



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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
28AP2003	W232.12-0006 INSTY*BIT INC	09/858254	ISSUE FEE DUE
	TITLE: DRILL BIT TAIL		
<hr/>			
03MY2003	B787.12-0003 Bercom International, LLC	09/961090	2 MO FINAL
	TITLE: HAND-HELD VESSEL		
<hr/>			
07MY2003	B787.12-0007 Bercom International, LLC	29/170507	FF LAST DAY
	TITLE: LINER FOR HAND-HELD VESSEL		
<hr/>			
14MY2003	F386.13-0003 James Farrell	2324503	EXAM REMIND
	TITLE: CUTTING DEVICE AND METHOD FOR CUTTING MATERIA		
<hr/>			
19MY2003	T384.12-0001 Terry Trooien	10/368783	IDS DUE
	TITLE: SLIDE LOCK FOR TREMOLO PLATE		
<hr/>			
28MY2003	K182.12-0023 KILTIE CORPORATION\VERSA-LOK	10/230025	FF LTR DUE
	TITLE: MODULAR SEGMENTED RETAINING WALL		

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
29MY2003	F386.13-0008 James Farrell	2290962	EXAM DUE

TITLE: APPARATUS AND METHOD FOR MAKING FROZEN DRINKS

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29MY2003	F386.13-0009 James Farrell	11-501056	EXAM REMIND
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TITLE: APPARATUS AND METHOD FOR MAKING FROZEN DRINKS

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JMW

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
18MR2003	S 51.12-0045 SCHWING AMERICA INC	10/391147	FF LAST DAY
TITLE: CEMENT MIXING TRUCK ANTI-ROLLOVER SYSTEM			
<hr/>			
18AP2003	Z 53.12-0001 Troy Zweerink	60/396953	REVIEW FOR USA FILING
TITLE: SNOWMOBILE FOOT PAD MOUNTING METHOD			
<hr/>			
07MY2003	M921.12-0001 Marner Micro Technologies, Inc.	60/378324	FF LAST DAY
TITLE: SIDE-VENTED ENCLOSURE AND TELESCOPING RAIL SY			
<hr/>			
07MY2003	M921.12-0001 Marner Micro Technologies, Inc.	60/378324	EXPIRES
TITLE: SIDE-VENTED ENCLOSURE AND TELESCOPING RAIL SY			
<hr/>			
24MY2003	D402.12-0001 Douglas Orin Deel	29/176572	IDS DUE
TITLE: DECKING MEMBER			
<hr/>			
24MY2003	D402.12-0001 Douglas Orin Deel	29/176572	FF LTR DUE
TITLE: DECKING MEMBER			
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: JMW

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
28MY2003	F382.12-0001	10/376732	IDS DUE
	Foster Landscaping, Inc.		

TITLE: IRREGULAR-SHAPED PAVERS

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: MDL

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
28MR2003	D377.13-0002 KHANH DINH	US03/01813	RESPONSE DUE

TITLE: HEAT PIPE LOOP WITH PUMP ASSISTANCE

---

15AP2003	W256.11-0005 WINONA LIGHTING STUDIO INC		REMINDER
----------	--	--	----------

TITLE: QUARTERLY SEARCHES FOR NEW PATENTS BY A COMPE

---

20AP2003	O119.13-0018 OSMONICS	2370787	EXAM REMIND
----------	--------------------------	---------	-------------

TITLE: NON-WOVEN DEPTH FILTER ELEMENT AND METHOD OF

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23AP2003	O119.13-0020 OSMONICS	US02/33924	CH 2 REMIND
----------	--------------------------	------------	-------------

TITLE: THREE-DIMENSIONAL NON-WOVEN MEDIA

---

05MY2003	O119.12-0007 OSMONICS	09/550814	AMEND DUE
----------	--------------------------	-----------	-----------

TITLE: METHOD OF PRODUCING A NON-WOVEN DEPTH FILTER

---

08MY2003	D377.13-0001 KHANH DINH	US02/00407	PCT REMIND
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TITLE: ENERGY EFFICIENT TOBACCO CURING AND DRYING SY

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: MDL

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
16MY2003	R636.12-0001	10/147374	FF LAST DAY

Kathleen O. Reynolds

TITLE: PLANT MOBILIZER

---

20MY2003	I 69.12-0587		DRAFT TO CLIENT?
	SEAGATE TECHNOLOGY, LLC		

TITLE: HARD DRIVE ACTUATOR ARM WITH REDUCED SKEW VAR

---

23MY2003	O119.13-0020	US02/33924	CH 2 DUE
	OSMONICS		

TITLE: THREE-DIMENSIONAL NON-WOVEN MEDIA

---

23MY2003	O119.13-0020	US02/33924	FILE DEMAND FOR PRE
EXAM PCT CH II	OSMONICS		

TITLE: THREE-DIMENSIONAL NON-WOVEN MEDIA

---

26MY2003	D377.12-0002	10/041255	AMEND DUE
	KHANH DINH		

TITLE: ENERGY EFFICIENT TOBACCO CURING AND DRYING SY

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: MJP

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
25MY2003	H531.13-0006 HEALTH & TECHNOLOGY INC	2000-619334	EXAM REMIND

TITLE: DISPOSABLE OTOSCOPE TIP SYSTEM

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25MY2003	H531.13-0008 HEALTH & TECHNOLOGY INC	2371773	EXAM REMIND
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TITLE: DISPOSABLE OTOSCOPE TIP SYSTEM

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: MRR

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
02FE2003	I194.13-0001	01979418.9	PCT REMIND
	INTERNATIONAL PROJECTS CONSULTANCY		
	TITLE: AUTOMATED LOAN PROCESSING SYSTEM AND METHOD		
<hr/>			
02AP2003	C569.12-0001	60/393143	REVIEW FOR USA FILING
	CMS Catalog Marketing Services		
	TITLE: CIRCULATION OPTIMZATION METHOD		
<hr/>			
02AP2003	I194.13-0001	01979418.9	PCT NAT'L
	INTERNATIONAL PROJECTS CONSULTANCY		
	TITLE: AUTOMATED LOAN PROCESSING SYSTEM AND METHOD		
<hr/>			
02AP2003	I194.13-0001	01979418.9	Application Deadline
	INTERNATIONAL PROJECTS CONSULTANCY		
	TITLE: AUTOMATED LOAN PROCESSING SYSTEM AND METHOD		
<hr/>			
02AP2003	I194.13-0003		Application Deadline
	INTERNATIONAL PROJECTS CONSULTANCY		
	TITLE: AUTOMATED LOAN PROCESSING SYSTEM AND METHOD		
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
05SE2002	LL11.13-0085 LAND O'LAKES INC	515241	RESPONSE DUE
TITLE: METHOD AND COMPOSITION FOR ENHANCING MILK PRO			
<hr/>			
09OC2002 EXAM PCT CH II	LL11.13-0090 LAND O'LAKES INC	US02/07268	FILE DEMAND FOR PRE
TITLE: METHOD OF FEEDING A RUMINANT			
<hr/>			
09OC2002	LL11.13-0090 LAND O'LAKES INC	US02/07268	CH 2 DUE
TITLE: METHOD OF FEEDING A RUMINANT			
<hr/>			
17OC2002	LL11.13-0094 LAND O'LAKES INC	518419	Dec/Auth
TITLE: METHOD OF FORMING A BUTTER/MARGARINE BLEND			
<hr/>			
22DE2002	LL11.12-0077 LAND O'LAKES INC		PCT NAT'L
TITLE: METHOD FOR IMPROVING MEMBRANE PROCESSING OF W			
<hr/>			
31JA2003	LL11.13-0088 LAND O'LAKES INC	2384590	EXAM REMIND
TITLE: PROCESSES FOR MAKING PROTEIN HYDROLYSATES FRO			
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
13FE2003	LL31.13-0006	US02/25735	CH 2 REMIND
	LOL (LL31) Purina Mills and Purdue		
	TITLE: BOVINE LEPTIN PROTEIN ANTISENSE AND ANTIBODY		
<hr/>			
05MR2003	A351.12-0001	09/744036	AMEND DUE
	AERO DESIGN & MANUFACTURING CO INC		
	TITLE: EVAPORATIVE COOLING FABRIC		
<hr/>			
13MR2003	LL31.13-0006	US02/25735	FILE DEMAND FOR PRE
EXAM PCT CH II	LOL (LL31) Purina Mills and Purdue		
	TITLE: BOVINE LEPTIN PROTEIN ANTISENSE AND ANTIBODY		
<hr/>			
13MR2003	LL31.13-0006	US02/25735	CH 2 DUE
	LOL (LL31) Purina Mills and Purdue		
	TITLE: BOVINE LEPTIN PROTEIN ANTISENSE AND ANTIBODY		
<hr/>			
19MR2003	LL11.13-0102	US02/29821	CH 2 REMIND
	LAND O'LAKES INC		
	TITLE: CARAMEL CORN PRODUCT AND A METHOD FOR MAKING		
<hr/>			
10AP2003	LL11.13-0093	00988465.1	CERTIFIED COPY DUE
	LAND O'LAKES INC		
	TITLE: METHOD OF FORMING A BUTTER/MARGARINE BLEND		

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
13AP2003	LL11.12-0090 LAND O'LAKES INC	00	IDS DUE

TITLE: FOOD COMPOSITIONS INCLUDING RESISTANT STARCH

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15AP2003	C514.12-0003 Chi's Research Corporation	09/882950	AMEND DUE
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TITLE: FUNCTIONAL BAKING

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19AP2003 EXAM PCT CH II	LL11.13-0102 LAND O'LAKES INC	US02/29821	FILE DEMAND FOR PRE
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TITLE: CARAMEL CORN PRODUCT AND A METHOD FOR MAKING

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19AP2003	LL11.13-0102 LAND O'LAKES INC	US02/29821	CH 2 DUE
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TITLE: CARAMEL CORN PRODUCT AND A METHOD FOR MAKING

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22AP2003	LL11.12-0096 LAND O'LAKES INC	10/349743	IDS DUE
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TITLE: METHOD AND COMPOSITION FOR IMPROVING THE HEAL

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03MY2003	LL11.12-0073 LAND O'LAKES INC	09/392243	REPLY BRIEF DUE
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TITLE: PROCESSES FOR MAKING PROTEIN HYDROLYSATES FRO

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
10MY2003	B372.12-0010 BEDFORD INDUSTRIES INC	09/613199	2 MO FINAL
TITLE: WIRELESS POLYMERIC TWIST TIE			
<hr/>			
12MY2003	A351.12-0002 AERO DESIGN & MANUFACTURING CO INC	09/787497	AMEND DUE
TITLE: IMPACT ABSORBING COMPOSITE			
<hr/>			
12MY2003 EXAMINATION	LL11.13-0095 LAND O'LAKES INC	24672/01	DIRECTION TO REQUEST
TITLE: METHOD OF FORMING A BUTTER/MARGARINE BLEND			
<hr/>			
16MY2003	LL11.12-0054 LAND O'LAKES INC	10/222262	FF LTR DUE
TITLE: METHOD OF FORMING A NON-FRACTIONATED ROOM TEM			
<hr/>			
19MY2003 applicable	LL11.13-0102 LAND O'LAKES INC	US02/29821	IPEA Form 402 not
TITLE: CARAMEL CORN PRODUCT AND A METHOD FOR MAKING			
<hr/>			
20MY2003	LL11.12-0040 LAND O'LAKES INC	09/239873	AMEND DUE
TITLE: METHOD AND COMPOSITION FOR ENHANCING MILK COM			
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PCMASTER REPORTER

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
21MY2003	LL11.12-0082 LAND O'LAKES INC	10/372048	IDS DUE

TITLE: METHOD OF PREPARING A MILK POLAR LIPID ENRICH

---

25MY2003	F351.12-0001 PHILIP F FOX	09/502701	2 MO FINAL
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TITLE: ICE FISHING TACKLE STORAGE APPARATUS

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: PGK

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
27AP2003	I 69.12-0552 SEAGATE TECHNOLOGY, LLC	10/271954	2 MO FINAL

TITLE: PLANAR WRITER FOR MERGED GMR RECORDING HEAD

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27MY2003	I 69.12-0552 SEAGATE TECHNOLOGY, LLC	10/271954	AMN DUE FINAL
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TITLE: PLANAR WRITER FOR MERGED GMR RECORDING HEAD

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## MASTER FILE REPORT

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04AP2003 9 18 PAGE: 1

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: PJI

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
18AP2003	M 81.12-0060	60/396850	REVIEW FOR USA FILING
	MINNESOTA SCIENTIFIC INC		

TITLE: METHOD FOR REPLACING KNEE JOINT

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27MY2003	LL11.12-0085	60/406269	REVIEW FOR USA FILING
	LAND O'LAKES INC		

TITLE: METHOD OF MAKING A SPREADABLE BUTTER-LIKE PRO

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04AP2003 9 18 PAGE: 1

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: PPK

ACTION DATE	K&L FILE NO	App No	Action Description
02FE2003	N 95.13-0025	2000-7008460	EXAM REMIND

NOW TECHNOLOGIES INC

TITLE: LIQUID CHEMICAL DISPENSING SYSTEM

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19FE2003	N 95.13-0021	99-7008159	EXAM DUE
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NOW TECHNOLOGIES INC

TITLE: LIQUID CHEMICAL DISPENSING SYSTEM WITH SENSOR

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15AP2003	R383.13-0003	96198250.0	FINAL FEE DUE
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REELL PRECISION MANUFACTURING

TITLE: CLIP FRICTION HINGE

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
29NO2002	N247.12-0040 NONVOLATILE ELECTRONICS INC	10/230474	IDS DUE
TITLE: ANTIPARALLEL MAGNETORESISTIVE MEMORY CELLS			
<hr/>			
05DE2002	C348.13-0064 CREATIVE INTEGRATION&DESIGN INC	9-522838	EXAM REMIND
TITLE: DILATOR PEEL FORCE REDUCTION			
<hr/>			
22DE2002	C348.13-0009 CREATIVE INTEGRATION&DESIGN INC	511636/92	BACK TAXES TO BE PAID
TITLE: NASAL DILATOR			
<hr/>			
31JA2003	R193.12-0015 ROSS-HIME DESIGNS INC	10/284926	IDS DUE
TITLE: ROBOTIC MANIPULATOR			
<hr/>			
10AP2003	C348.13-0045 CREATIVE INTEGRATION&DESIGN INC	34747	EXAM DUE
TITLE: DILATOR PEEL FORCE REDUCTION			
<hr/>			
13AP2003	R193.13-0008 ROSS-HIME DESIGNS INC	507348/92	RESPONSE DUE
TITLE: MINIATURE LINEAR ACTUATOR			
<hr/>			

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
19AP2003	C348.13-0036 CREATIVE INTEGRATION&DESIGN INC	96944225.0	RESPONSE DUE
	TITLE: DILATOR PEEL FORCE REDUCTION		
<hr/>			
27AP2003	A789.13-0001 A.C.T. ELECTRONICS, INC	2307179	EXAM REMIND
	TITLE: SOLID STATE RELAY		
<hr/>			
29AP2003	N247.12-0027 NONVOLATILE ELECTRONICS INC	09/677170	ISSUE FEE DUE
	TITLE: MAGNETIC DIGITAL SIGNAL COUPLER MONITOR		
<hr/>			
30AP2003	R193.13-0018 ROSS-HIME DESIGNS INC	US02/34949	CH 2 REMIND
	TITLE: ROBOTIC MANIPULATOR		
<hr/>			
03MY2003	C348.13-0085 CREATIVE INTEGRATION&DESIGN INC	P-330790	FINAL FEE DUE
	TITLE: NASAL DILATOR WITH AREAS OF ADHESIVE ENGAGEME		
<hr/>			
13MY2003	R193.13-0008 ROSS-HIME DESIGNS INC	507348/92	RESPONSE DUE
	TITLE: MINIATURE LINEAR ACTUATOR		
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
17MY2003	C348.13-0092	200200320-0	RESPONSE DUE
	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: NASAL DILATOR		
<hr/>			
17MY2003	C348.13-0093	200200317-6	RESPONSE DUE
	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: NASAL DILATOR		
<hr/>			
17MY2003	C348.13-0094	200200318-4	RESPONSE DUE
	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: NASAL DILATOR		
<hr/>			
17MY2003	C348.13-0095	200200319-2	RESPONSE DUE
	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: NASAL DILATOR		
<hr/>			
31MY2003	R193.13-0018	US02/34949	CH 2 DUE
	ROSS-HIME DESIGNS INC		
	TITLE: ROBOTIC MANIPULATOR		
<hr/>			
31MY2003	R193.13-0018	US02/34949	FILE DEMAND FOR PRE
EXAM PCT CH II	ROSS-HIME DESIGNS INC		
	TITLE: ROBOTIC MANIPULATOR		
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: UCHE

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
12AP2003	C514.12-0002 Chi's Research Corporation	09/495960	2 MO FINAL
TITLE: METHOD OF VEGETABLE PROCESSING			
<hr/>			
17AP2003	A809.12-0002 Annexsys, Incorporated	60/396467	REVIEW FOR USA FILING
TITLE: ENTERPRISE RESOURCE PROCUREMENT SYSTEM AND ME			
<hr/>			
12MY2003	C514.12-0002 Chi's Research Corporation	09/495960	AMN DUE FINAL
TITLE: METHOD OF VEGETABLE PROCESSING			
<hr/>			

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04AP2003 9 18 PAGE: 1

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ZMG

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
20MY2003	I 69.12-0584		DRAFT TO CLIENT?
	SEAGATE TECHNOLOGY, LLC		

TITLE: INCREASED DAMPING WITH COMPOSITE LAMINATE HGA

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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
21NO2002	LL11.18-0025		APPLICATION MAILED?
	LAND O'LAKES INC		

TITLE: CONTINUOUS ON-DEMAND MANUFACTURE OF PROCESS C

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21NO2002	LL11.18-0026		APPLICATION MAILED?
	LAND O'LAKES INC		

TITLE: CONTINUOUS MANUFACTURE OF PROCESS CHEESE

---

17DE2002	L187.13-0031	US02/15938	FILE DEMAND FOR PRE
EXAM PCT CH II	LASER MACHINING INC		

TITLE: METHOD AND APPARATUS FOR IMPROVING LASER HOLE

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17DE2002	L187.13-0031	US02/15938	CH 2 DUE
	LASER MACHINING INC		

TITLE: METHOD AND APPARATUS FOR IMPROVING LASER HOLE

---

05FE2003	H561.12-0001	09/949490	AMEND DUE
	H.G. SPECIALTY TOOLS INC		

TITLE: TAMPING TOOL

---

08FE2003	E244.12-0001	09/965550	AMEND DUE
	Ewert, Terry		

TITLE: ATHLETIC TORQUE STRAP

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PCMASTER REPORTER

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
19MR2003	W410.12-0006 WESTAR MFG. CORP	09/522972	AMEND DUE
TITLE: SAUSAGE LINK LOADER AND METHOD OF USING SAME			
<hr/>			
21MR2003	C458.12-0014 CELLTHERAPY INC	09/127141	AMEND DUE
TITLE: AUTOLOGOUS IMMUNE CELL THERAPY: CELL COMPOSI			
<hr/>			
07AP2003	L187.13-0032 LASER MACHINING INC	US02/28279	CH 2 DUE
TITLE: METHOD OF CREATING EASY-OPEN FOR LOADING CARR			
<hr/>			
07AP2003 EXAM PCT CH II	L187.13-0032 LASER MACHINING INC	US02/28279	FILE DEMAND FOR PRE
TITLE: METHOD OF CREATING EASY-OPEN FOR LOADING CARR			
<hr/>			
07AP2003 EXAM PCT CH II	L187.13-0033 LASER MACHINING INC	US02/28510	FILE DEMAND FOR PRE
TITLE: SYSTEM AND METHOD FOR SYNCHRONIZING A LASER B			
<hr/>			
07AP2003	L187.13-0033 LASER MACHINING INC	US02/28510	CH 2 DUE
TITLE: SYSTEM AND METHOD FOR SYNCHRONIZING A LASER B			
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PCMASTER REPORTER

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
19AP2003	LL11.12-0053 LAND O'LAKES INC	10/126294	FF LAST DAY

TITLE: NON-HERMETICALLY SEALED FOOD PACKAGE AND METH

---

23AP2003	C535.12-0002 COTTONWOOD WELDING & MACHINE INC	09/873481	AMN DUE FINAL
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TITLE: HYDRAULICALLY OPERATED OVERHEAD DOOR

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23AP2003 OFFICE	R606.13-0006 RIVER VALLEY ENDODONTICS, PA	40038/99	ACCEPTANCE BY PTO
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TITLE: DENTAL ROOT CANAL FILLING RETROFILLING AND PE

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24AP2003	M857.13-0006 Minson Enterprises Co., Ltd	79606-00	RESPONSE DUE
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TITLE: FOLDABLE SKATEBOARD

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25AP2003	M920.12-0001 John Michelizzi	10/202808	FF LTR DUE
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TITLE: PEN WARMER

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28AP2003	M 81.12-0052 MINNESOTA SCIENTIFIC INC	09/864681	ISSUE FEE DUE
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TITLE: CAM-WEDGE LOCKING MECHANISM



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PCMASTER REPORTER

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
28AP2003	M 81.12-0052	09/864681	DRAWINGS

MINNESOTA SCIENTIFIC INC

TITLE: CAM-WEDGE LOCKING MECHANISM

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01MY2003	K308.13-0005	99806345.2	FINAL FEE DUE
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STEPHAN W. KORSTAD

TITLE: COMBUSTION ENHANCER

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02MY2003	LL11.12-0079	10/210956	FF LTR DUE
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LAND O'LAKES INC

TITLE: METHOD FOR CHEESE MANUFACTURE

---

05MY2003	H561.12-0001	09/949490	LAST DAY
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H.G. SPECIALTY TOOLS INC

TITLE: TAMPING TOOL

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08MY2003	E244.12-0001	09/965550	LAST DAY
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Ewert, Terry

TITLE: ATHLETIC TORQUE STRAP

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10MY2003	LL11.12-0093	10/342139	MISSING PARTS DUE
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LAND O'LAKES INC

TITLE: CHEESE PRODUCT AND METHOD OF MAKING

APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
12MY2003	M857.13-0002 Minson Enterprises Co., Ltd	99934	RESPONSE DUE
TITLE: FOLDABLE SKATEBOARD			
<hr/>			
19MY2003	C458.13-0004 CELLTHERAPY INC	US01/43987	CH 2 REMIND
TITLE: CLOSED STERILE SYSTEM DEVICES AND METHODS			
<hr/>			
19MY2003	L187.12-0024 LASER MACHINING INC	10/099201	AMEND DUE
TITLE: DEBRIS REMOVAL APPARATUS FOR USE IN LASER ABL			
<hr/>			
19MY2003	R606.13-0004 RIVER VALLEY ENDODONTICS, PA	2334687	EXAM REMIND
TITLE: DENTAL ROOT CANAL FILLING RETROFILLING AND PE			
<hr/>			
21MY2003	C458.12-0013 CELLTHERAPY INC	09/127142	AMEND DUE
TITLE: AUTOLOGOUS IMMUNE CELL THERAPY: CELL COMPOSI			
<hr/>			
23MY2003	M 81.12-0050 MINNESOTA SCIENTIFIC INC	60/405630	REVIEW FOR USA FILING
TITLE: STABILIZED TABLE RAIL CLAMP			
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APRIL 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
27MY2003	B771.12-0001 BIOTRAN CORPORATION INC	09/833324	ISSUE FEE DUE

TITLE: PROCESS FOR PRODUCING STEERABLE SHEATH CATHET

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28MY2003	K308.13-0004 STEPHAN W. KORSTAD	2331016	EXAM REMIND
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TITLE: COMBUSTION ENHANCER

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30MY2003	H 03.13-0006 HOMECREST INDUSTRIES INC	2310306	EXAM REMIND
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TITLE: CHAIR CONSTRUCTION AND METHOD OF MAKING SAME

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05MY2003

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PCMASTER REPORTER

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
02FE2003	C179.12-0009 CORTRON CORPORATION	60/377369	REVIEW FOR USA FILING

TITLE: FLEXOGRAPHIC PRINTING REFLECTOR

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13MR2003	H550.12-0005 HORTON INC	09/933932	AMEND DUE
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TITLE: CIRCUMFERENTIAL ARC SEGMENT MOTOR COOLING FAN

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18MR2003	M546.13-0004 3M Innovative Properties Company	US01/50117	RESPONSE DUE
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TITLE: ADHESIVE MEASURING TAPE

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28MR2003	U 43.13-0067 UROLOGIX INC	31188/00	RESPONSE DUE
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TITLE: METHOD OF CONTROLLING THERMAL THERAPY

---

23AP2003	I 69.12-0481 SEAGATE TECHNOLOGY, LLC	09/613376	AMN DUE FINAL
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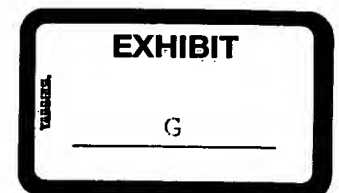
TITLE: PROCESS OF FORMING A MAGNETIC MICROACTUATOR

---

27AP2003	H550.12-0048 HORTON INC		Application Deadline
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TITLE: BRUSHLESS DC RING MOTOR COOLING SYSTEM

**RECEIVED**  
SEP 29 2003  
GROUP 3600



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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
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02MY2003	C179.12-0009 CORTRON CORPORATION	60/377369	FF LAST DAY

TITLE: FLEXOGRAPHIC PRINTING REFLECTOR

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02MY2003	C179.12-0009 CORTRON CORPORATION	60/377369	EXPIRES
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TITLE: FLEXOGRAPHIC PRINTING REFLECTOR

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07MY2003	I 69.12-0495 SEAGATE TECHNOLOGY, LLC	09/850818	AMEND DUE
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TITLE: TRIANGULAR MAGNETIC FIELD SENSOR

---

07MY2003	I 69.12-0566 SEAGATE TECHNOLOGY, LLC	10/360900	IDS DUE
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TITLE: DISC DRIVE SLIDER TEST SOCKET

---

19MY2003	M546.12-0006 3M Innovative Properties Company	09/727231	AMEND DUE
----------	--	-----------	-----------

TITLE: MAT PRODUCT COMMUNICATION SYSTEM

---

26MY2003	M546.12-0007 3M Innovative Properties Company	09/761081	AMEND DUE
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TITLE: ADHESIVE MEASURING TAPE

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05MY2003 9 41 PAGE: 3

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
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13JE2003	H550.12-0005 HORTON INC	09/933932	LAST DAY

TITLE: CIRCUMFERENTIAL ARC SEGMENT MOTOR COOLING FAN

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13JE2003	V 44.12-0142 Agere Systems Inc.	09/797316	AMEND DUE
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TITLE: NEGATIVE FEEDBACK IMPEDANCE MATCHED PREAMPLIF

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19JE2003	I 69.12-0470 SEAGATE TECHNOLOGY, LLC	09/733351	AMEND DUE
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TITLE: SLIDER LEVEL MICROACTUATOR FOR PRECISE HEAD P

---

19JE2003	M881.12-0013 MITEC INC	10/392356	IDS DUE
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TITLE: IRRADIATION SYSTEM WITH IMPROVED DOSAGE UNIFO

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26JE2003	P440.12-0001 Polar Fab	10/183911	FF LAST DAY
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TITLE: SYSTEM AND METHOD FOR DEFINING SEMICONDUCTOR

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27JE2003	I 69.12-0472 SEAGATE TECHNOLOGY, LLC	09/815679	AMEND DUE
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TITLE: TRANSDUCER LEVEL ELECTROSTATIC MICROACTUATOR

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05MY2003 9 41 PAGE: 4

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: AMK

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
30JE2003	M 33.12-0023	10/156415	ISSUE FEE DUE
	MAICO HEARING INSTRUMENTS INC		

TITLE: MULTIMEDIA FEATURE FOR DIAGNOSTIC INSTRUMENTA

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: AMM

ACTION DATE	K&L FILE NO	App No	Action Description
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31MR2003	I 69.12-0573 SEAGATE TECHNOLOGY, LLC		Application Deadline
TITLE: COLLIMATOR GRID FOR OBLIQUE DEPOSITION WITH A			
<hr/>			
14MY2003	I 69.12-0582 SEAGATE TECHNOLOGY, LLC		DRAFT TO CLIENT?
TITLE: APERATURE FOR OBLIQUE WITH AZIMUTHAL SYMMETRY			
<hr/>			
20MY2003	I 69.12-0586 SEAGATE TECHNOLOGY, LLC		DRAFT TO CLIENT?
TITLE: SUB-1.OT MAGNETIC MATERIALS AS MAGNETIC POLES			
<hr/>			
28MY2003	B771.12-0003 BIOTRAN CORPORATION INC	10/377354	IDS DUE
TITLE: PROCESS FOR PRODUCING STEERABLE SHEATH CATHET			
<hr/>			
14JE2003	I 69.12-0582 SEAGATE TECHNOLOGY, LLC		Application Deadline
TITLE: APERATURE FOR OBLIQUE WITH AZIMUTHAL SYMMETRY			
<hr/>			
30JE2003	I 69.12-0556 SEAGATE TECHNOLOGY, LLC	60/414821	REVIEW FOR USA FILING
TITLE: METHOD FOR FABRICATING MAGNETIC STORAGE MEDIA			
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05MY2003 9 41 PAGE: 2

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: AMM

ACTION DATE	K&L FILE NO	App No	Action Description
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30JE2003	I 69.12-0570 SEAGATE TECHNOLOGY, LLC	60/414726	REVIEW FOR USA FILING

TITLE: HIGHLY SELECTIVE AL2O3 (ALUMINA) WET ETCH CRE

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ATB

ACTION DATE	K&L FILE NO	App No	Action Description
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30AP2003	F373.12-0001 F-M Enterprises, Inc.	10/136857	FF LAST DAY

TITLE: MACHINING CENTER FOR FINISHING A PATIO DOOR S

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13MY2003	I 69.12-0459 SEAGATE TECHNOLOGY, LLC	09/742569	2 MO FINAL
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TITLE: MICROACTUATOR MAGNETIC CIRCUIT

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15MY2003	U 66.13-0002 UNIVERSITY OF NORTH DAKOTA	US02/32816	CH 2 REMIND
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TITLE: PREPARATION OF THIN LEAD SAMPLE FOR ALPHA PAR

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20MY2003	I 69.12-0585 SEAGATE TECHNOLOGY, LLC		DRAFT TO CLIENT?
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TITLE: MICRO-ACTUATION APPARATUS FOR HEAD ABS PLANAR

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01JE2003	I 69.12-0588 SEAGATE TECHNOLOGY, LLC		DRAFT TO CLIENT?
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TITLE: METHOD FOR WETTING CLEANROOM WIPERS

---

03JE2003	U 66.12-0003 UNIVERSITY OF NORTH DAKOTA	10/378275	IDS DUE
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TITLE: REMOVAL OF TOXIC/HAZARDOUS CHEMICALS ABSORBED

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05MY2003 9 41 PAGE: 2

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ATB

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
13JE2003	I 69.12-0459 SEAGATE TECHNOLOGY, LLC	09/742569	AMN DUE FINAL
TITLE: MICROACTUATOR MAGNETIC CIRCUIT			

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15JE2003 PCT CH II	U 66.13-0002 UNIVERSITY OF NORTH DAKOTA	US02/32816	FILE DEMAND FOR PRE EXAM
TITLE: PREPARATION OF THIN LEAD SAMPLE FOR ALPHA PAR			

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15JE2003	U 66.13-0002 UNIVERSITY OF NORTH DAKOTA	US02/32816	CH 2 DUE
TITLE: PREPARATION OF THIN LEAD SAMPLE FOR ALPHA PAR			

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27JE2003	H569.12-0001 High Tech Welding, Inc.	60/414147	REVIEW FOR USA FILING
TITLE: SPRAY BOOM MOUNTING SYSTEM			

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: BRM

ACTION DATE	K&L FILE NO	App No	Action Description
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21JA2003	I132.12-0002		Application Deadline
	Innervision by Henry, Inc.		

TITLE: SAFETY HELMET SYSTEM

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26JE2003	D398.12-0001	60/413992	REVIEW FOR USA FILING
	Richard L. Dubay		

TITLE: UNIVERSAL SLIDE ASSEMBLY FOR MOLDING AND CAST

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: CJB

ACTION DATE	K&L FILE NO	App No	Action Description
15FE2003	A792.12-0017	10/298242	IDS DUE

Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0018	10/298240	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0019	10/295782	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0020	10/298211	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0021	10/298272	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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15FE2003	A792.12-0022	10/298245	IDS DUE
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Advanced Respiratory, Inc.

TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT

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PCMASTER REPORTER

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: CJB

ACTION DATE	K&L FILE NO	App No	Action Description
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15FE2003	A792.12-0023 Advanced Respiratory, Inc.	10/298167	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
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15FE2003	A792.12-0024 Advanced Respiratory, Inc.	10/298267	IDS DUE
TITLE: OSCILLATORY CHEST WALL COMPRESSION DEVICE WIT			
<hr/>			
15FE2003	A792.12-0025 Advanced Respiratory, Inc.	29/171044	IDS DUE
TITLE: AIR PULSE GENERATOR			
<hr/>			
15MY2003	A792.12-0025 Advanced Respiratory, Inc.	29/171044	FF LAST DAY
TITLE: AIR PULSE GENERATOR			
<hr/>			
15MY2003	A792.13-0009 Advanced Respiratory, Inc.		Application Deadline
TITLE: AIR PULSE GENERATOR			
<hr/>			
20MY2003	A792.12-0006 Advanced Respiratory, Inc.	09/412459	AMEND DUE
TITLE: AIRWAY TREATMENT APPARATUS WITH BIAS LINE CAN			
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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: CJB

ACTION DATE	K&L FILE NO	App No	Action Description
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25MY2003	A792.12-0003 Advanced Respiratory, Inc.	09/387319	AMEND DUE

TITLE: PNEUMATIC CHEST COMPRESSION VEST WITH FRONT P

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28MY2003	N306.12-0001 NORTHERN ALTERNATIVE ENERGY	09/630375	AMN DUE FINAL
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TITLE: ENERGY SYSTEM PROVIDING CONTINUAL ELECTRIC PO

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13JE2003	A383.12-0004 ACROMETAL COMPANIES INC	29/172622	FF LAST DAY
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TITLE: ADAPTABLE WALL BOX

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26JE2003	S863.12-0001 Synergistech Labs, LLC	60/411013	REVIEW FOR USA FILING
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TITLE: PRESCRIPTION DRUG COMPLIANCE MONITORING SYSTE

## MASTER FILE REPORT

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: DMC

ACTION DATE	K&L FILE NO	App No	Action Description
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12MY2003	I 69.12-0448 SEAGATE TECHNOLOGY, LLC	09/541218	ISSUE FEE DUE
TITLE: EDGE BARRIER TO PREVENT SPIN VALVE SENSOR COR			
<hr/>			
12MY2003	I 69.12-0448 SEAGATE TECHNOLOGY, LLC	09/541218	IDS DUE
TITLE: EDGE BARRIER TO PREVENT SPIN VALVE SENSOR COR			
<hr/>			
03JE2003	S834.13-0002 SINEX AVIATION TECHNOLOGIES CORP	2393395	RESPONSE DUE
TITLE: DYNAMIC AIRCRAFT MAINTENANCE MANAGEMENT SYSTE			
<hr/>			
11JE2003	I 69.12-0560 SEAGATE TECHNOLOGY, LLC	60/409887	REVIEW FOR USA FILING
TITLE: CONCEPT AND METHOD FOR MAGNETORESISTIVE TRANS			
<hr/>			
18JE2003	S834.12-0011 SINEX AVIATION TECHNOLOGIES CORP	10/154864	AMEND DUE
TITLE: DYNAMIC ASSIGNMENT OF MAINTENANCE TASKS TO MA			
<hr/>			
19JE2003	S834.12-0005 SINEX AVIATION TECHNOLOGIES CORP	09/727671	AMEND DUE
TITLE: DYNAMIC ASSIGNMENT OF MAINTENANCE TASKS TO AI			
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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: DRD

ACTION DATE	K&L FILE NO	App No	Action Description
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28JE2003	E248.12-0003	60/414112	REVIEW FOR USA FILING
	Enviro-Care Company		

TITLE: DEBRIS REMOVAL SYSTEM

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
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11FE2003	I 69.12-0571 SEAGATE TECHNOLOGY, LLC	60/421974	DRAFT TO CLIENT?

TITLE: SV SENSOR WITH HARD BIAS STABILIZATION

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10MR2003	I 69.12-0474 SEAGATE TECHNOLOGY, LLC	09/755019	RESPONSE DUE
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TITLE: VERY HIGH LINEAR RESOLUTION CPP DIFFERENTIAL

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06MY2003	I 69.12-0474 SEAGATE TECHNOLOGY, LLC	09/755019	LAST DAY FINAL
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TITLE: VERY HIGH LINEAR RESOLUTION CPP DIFFERENTIAL

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12MY2003	S837.12-0004 SPX CORPORATION	09/895831	AMN DUE FINAL
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TITLE: DIS IGNITION SIGNAL PROCESSING FOR AUTOMOTIVE

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14MY2003	Q 33.12-0001 QRS Diagnostic		STATUS INQUIRY?
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TITLE: UNIVERSAL ECG CABLE INTERFACE

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18MY2003	S 51.12-0029 SCHWING AMERICA INC	10/081743	RESPONSE DUE
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TITLE: BOOM UTILIZING COMPOSITE MATERIAL CONSTRUCTIO

## MASTER FILE REPORT

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05MY2003 9 41 PAGE: 2

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
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18MY2003	S 51.12-0029 SCHWING AMERICA INC	10/081743	FILE ASSIGNMENT

TITLE: BOOM UTILIZING COMPOSITE MATERIAL CONSTRUCTIO

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21MY2003	M278.13-0021 MEDWAVE	95197644.3	RESPONSE DUE
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TITLE: METHOD AND APPARATUS FOR CALCULATING BLOOD PR

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23MY2003	L530.12-0001 Daniel L. Larson	10/154521	FF LAST DAY
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TITLE: COLUMN PROTECTOR

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27MY2003	M918.12-0001 Mico Products, Inc.	10/228589	FF LTR DUE
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TITLE: MONITORING AND SECURITY SYSTEMS

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27MY2003	V 44.12-0137 Agere Systems Inc.	09/725441	AMEND DUE
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TITLE: READ/WRITE SYSTEM WITH REDUCED WRITE-TO-READ

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28MY2003	I 69.12-0417 SEAGATE TECHNOLOGY, LLC	09/380457	AMEND DUE
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TITLE: SPIN VALVE SENSOR WITH SPECULAR ELECTRON SCAT

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05MY2003 9 41 PAGE: 3

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
05JE2003	V 44.12-0144 Agere Systems Inc.	09/859951	ISSUE FEE DUE

TITLE: HARD DRIVE MOTOR CONTROLLER WITH SOFT COMMUTA

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05JE2003	V 44.12-0144 Agere Systems Inc.	09/859951	DRAWINGS
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TITLE: HARD DRIVE MOTOR CONTROLLER WITH SOFT COMMUTA

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06JE2003	I 69.12-0457 SEAGATE TECHNOLOGY, LLC	09/605080	ISSUE FEE DUE
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TITLE: GMR HEAD WITH REDUCED TOPOLOGY FOR HIGH SPEED

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06JE2003	I 69.12-0457 SEAGATE TECHNOLOGY, LLC	09/605080	DRAWINGS
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TITLE: GMR HEAD WITH REDUCED TOPOLOGY FOR HIGH SPEED

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08JE2003	P405.12-0002 POLL STEVE	09/803453	2 MO FINAL
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TITLE: OUTBOARD MOTOR SUPPORT DEVICE

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10JE2003	M895.12-0001 ERIC MELZER PHOTOGRAPHY	09/955922	AMEND DUE
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TITLE: ARTICULATED MAGNET ASSEMBLY AND KIT

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
19JE2003	C553.12-0001	09/877339	AMN DUE FINAL

Carry All Saddle Dolly  
TITLE: TRANSPORTABLE SADDLE RACK AND EQUIPMENT CARRI

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21JE2003	M278.13-0021	95197644.3	RESPONSE DUE
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MEDWAVE  
TITLE: METHOD AND APPARATUS FOR CALCULATING BLOOD PR

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21JE2003	S 51.13-0015	US02/05500	PCT REMIND
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SCHWING AMERICA INC  
TITLE: UNIVERSAL MAST SUPPORT FRAME AND METHOD FOR M

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22JE2003	I 69.12-0589		DRAFT TO CLIENT?
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SEAGATE TECHNOLOGY, LLC

TITLE: HIGH GRATIENT LONGITUDINAL DISC DRIVE WRITER

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22JE2003	I 69.12-0590		DRAFT TO CLIENT?
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SEAGATE TECHNOLOGY, LLC

TITLE: HARD MASK PROCESS FOR REDEPOSITION FREE STEEP

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22JE2003	I 69.12-0591		DRAFT TO CLIENT?
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SEAGATE TECHNOLOGY, LLC

TITLE: OXYGEN PRE-ETCH FOR TMR RECORDING HEADS

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
22JE2003	I 69.12-0592		DRAFT TO CLIENT?
	SEAGATE TECHNOLOGY, LLC		

TITLE: METHOD FOR DYNAMIC MEASUREMENT OF HEAD MEDIA

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24JE2003	I 69.12-0593		DRAFT TO CLIENT?
	SEAGATE TECHNOLOGY, LLC		

TITLE: THREE-TERMINAL READ HEAD WITH CURRENT DISTRIB

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24JE2003	V 44.12-0146	09/854061	ISSUE FEE DUE
	Agere Systems Inc.		

TITLE: STABLIZED HIGH BAND WIDTH DIFFERENTIAL EMITTE

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24JE2003	V 44.12-0146	09/854061	DRAWINGS
	Agere Systems Inc.		

TITLE: STABLIZED HIGH BAND WIDTH DIFFERENTIAL EMITTE

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26JE2003	P395.12-0001	60/391899	FF LAST DAY
	Poliac Research Corp.		

TITLE: MEDICAL DATA COLLECTION AND DELIVERY SYSTEM

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26JE2003	P395.12-0001	60/391899	EXPIRES
	Poliac Research Corp.		

TITLE: MEDICAL DATA COLLECTION AND DELIVERY SYSTEM

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05MY2003 9 41 PAGE: 6

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: DRF

ACTION DATE	K&L FILE NO	App No	Action Description
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29JE2003	F 58.312-0001	509215	EXPIRES
	HIRAKI PATENT OFFICE		

TITLE: DIGITAL SIGNAL TRANSMISSION SYSTEM

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: GAB

ACTION DATE	K&L FILE NO	App No	Action Description
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10MR2003	W232.12-0017 INSTY*BIT INC		Application Deadline

TITLE: AUTOMATIC TOOL-BIT HOLDER

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21AP2003	A792.12-0012 Advanced Respiratory, Inc.	09/754672	AMEND DUE
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TITLE: MECHANICAL CHEST WALL OSSCILLATOR

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02MY2003	R632.12-0001 Mary Repking	10/210916	FF LTR DUE
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TITLE: STRETCHING DEVICE

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04MY2003	A792.13-0006 Advanced Respiratory, Inc.	US02/00120	PCT REMIND
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TITLE: MECHANICAL CHEST WALL OSCILLATOR

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12MY2003	M278.12-0026 MEDWAVE	09/594051	ISSUE FEE DUE
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TITLE: METHOD AND APPARATUS FOR CALCULATING BLOOD PR

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12MY2003	V180.13-0001 Vbox, Incorporated	US02/00817	PCT REMIND
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TITLE: PRESSURE SWING ADSORPTION GAS SEPARATION METH



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05MY2003 9 41 PAGE: 2

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: GAB

ACTION DATE	K&L FILE NO	App No	Action Description
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13MY2003	V180.12-0001 Vbox, Incorporated	10/244240	AMEND DUE
TITLE: PRESSURE SWING ADSORPTION GAS SEPARATION METH			
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20MY2003	I 69.12-0494 SEAGATE TECHNOLOGY, LLC	09/866942	AMEND DUE
TITLE: FABRICATION METHOD FOR INTEGRATED MICROACTUAT			
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20MY2003	I 69.12-0583 SEAGATE TECHNOLOGY, LLC		DRAFT TO CLIENT?
TITLE: PATTERNED MULTI-MATERIAL BASECOAT TO REDUCE T			
<hr/>			
20MY2003	P443.12-0001 Power Quality	10/223985	FF LTR DUE
TITLE: METER POWER TRANSFER SWITCH			
<hr/>			
20MY2003	S603.13-0099 Metso Minerals Industries, Inc.		Application Deadline
TITLE: AIR INJECTION FOR NITROGEN OXIDE REDUCTION AN			
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20MY2003	S603.13-0100 Metso Minerals Industries, Inc.		Application Deadline
TITLE: AIR INJECTION FOR NITROGEN OXIDE REDUCTION AN			
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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: GAB

ACTION DATE	K&L FILE NO	App No	Action Description
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21MY2003	I 69.12-0487	09/808843	AMEND DUE

SEAGATE TECHNOLOGY, LLC

TITLE: MICRO-ACTUATOR STRUCTURE FOR IMPROVED STABILI

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04JE2003	I 69.12-0499	09/931143	AMEND DUE
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SEAGATE TECHNOLOGY, LLC

TITLE: FUNNELED TRENCH AAB FOR INCREASED CONTACT STI

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12JE2003	I 69.12-0482	09/873913	AMEND DUE
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SEAGATE TECHNOLOGY, LLC

TITLE: BONDING TUB FOR IMPROVED ELECTROMAGNETIC MICR

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24JE2003	I 69.12-0503	09/776814	AMEND DUE
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SEAGATE TECHNOLOGY, LLC

TITLE: ENHANCED DURABILITY ULTRA-LOW-FLYING HEIGHT S

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: GMC

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
05MR2003	S697.13-0041 STRATASYS, INC	99909897.3	RESPONSE DUE
TITLE: WATER SOLUBLE RAPID PROTOTYPING SUPPORT AND M			
<hr/>			
13MR2003	S697.13-0048 STRATASYS, INC	1922/CAL/96	RESPONSE DUE
TITLE: METHOD AND APPARATUS FOR SOLID PROTOTYPING			
<hr/>			
17AP2003	S697.12-0060 STRATASYS, INC	10/124241	FF LAST DAY
TITLE: HIGH-PRECISION MODELING FILAMENT			
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17AP2003	S697.13-0089 STRATASYS, INC		Application Deadline
TITLE: HIGH-PRECISION MODELING FILAMENT			
<hr/>			
08MY2003	S697.13-0067 STRATASYS, INC	00809321.0	RESPONSE DUE
TITLE: HIGH TEMPERATURE MODELING APPARATUS			
<hr/>			
13MY2003	S697.12-0050 STRATASYS, INC	09/618169	AMEND DUE
TITLE: AUTOINTIALIZATION IN A THREE-DIMENSIONAL MODE			
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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: GMC

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
17JE2003	S697.12-0049 STRATASYS, INC	09/837813	ISSUE FEE DUE

TITLE: APPARATUS AND METHOD FOR THERMOPLASTIC EXTRUS

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17JE2003	S697.13-0060 STRATASYS, INC	01952987.4	RESPONSE DUE
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TITLE: FILAMENT CASSETTE AND LOADING SYSTEM

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18JE2003	S697.13-0075 STRATASYS, INC	US02/36627	CH 2 REMIND
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TITLE: LIQUIFIER PUMP CONTROL IN AN EXTRUSION APPARA

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23JE2003	S697.13-0068 STRATASYS, INC	2001-504552	EXAM REMIND
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TITLE: HIGH TEMPERATURE MODELING APPARATUS

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: HANM

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
27MY2003	I 69.12-0486 SEAGATE TECHNOLOGY, LLC	09/908244	AMEND DUE

TITLE: GIANT MAGNETORESISTIVE SENSOR WITH A MULTILAY

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12JE2003	V 44.12-0138 Agere Systems Inc.	09/725356	AMEND DUE
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TITLE: HIGH BANDWIDTH LOW NOISE CROSS COUPLED AMPLIF

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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25AU2002	W293.312-0005 WATERMARK (WINPAL PTY LIMITED TRADI	09/855206	2 MO FINAL
	TITLE: ORTHOTIC DEVICE		
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25SE2002	W293.312-0005 WATERMARK (WINPAL PTY LIMITED TRADI	09/855206	AMN DUE FINAL
	TITLE: ORTHOTIC DEVICE		
<hr/>			
25DE2002	W293.312-0005 WATERMARK (WINPAL PTY LIMITED TRADI	09/855206	LAST DAY FINAL
	TITLE: ORTHOTIC DEVICE		
<hr/>			
26JA2003 PCT CH II	M755.13-0003 MAMAC SYSTEMS	US02/20535	FILE DEMAND FOR PRE EXAM
	TITLE: MULTIPLE POINT AVERAGING DUCT TEMPERATURE SEN		
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26JA2003	M755.13-0003 MAMAC SYSTEMS	US02/20535	CH 2 DUE
	TITLE: MULTIPLE POINT AVERAGING DUCT TEMPERATURE SEN		
<hr/>			
04MR2003	A801.12-0001 ADVANCED CONTROLLED ELECTROMECHANIC	09/573742	AMN DUE FINAL
	TITLE: PROCESS FOR CONTROLLING THE MANUFACTURING OF		
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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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12MR2003	W337.12-0014 THERMO SOLUTIONS	60/388424	REVIEW FOR USA FILING
TITLE: VARIATIONS ON THERMAL INSULATING PANELS AND C			
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25MR2003	E240.13-0001 EW TOOLING INC	US01/46779	PCT REMIND
TITLE: CONSTANT DIMENSION INSERT CUTTERHEAD WITH REG			
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28MR2003	X 04.312-0001 XENOBIOSIS	09/719901	2 MO FINAL
TITLE: EXTRACTION METHOD PHARMACEUTICAL COMPOSITION			
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08AP2003	W337.12-0015 THERMO SOLUTIONS	60/394334	REVIEW FOR USA FILING
TITLE: THERMAL INSULATED CONTAINER			
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10AP2003	T374.12-0003 Curt Tambornino	10/192392	FF LTR DUE
TITLE: BALL HITCH			
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25AP2003	B774.312-0001 LOS & STIGTER	09/720632	2 MO FINAL
TITLE: METHOD OF INACTIVIATING VIRUSES			
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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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25AP2003	E240.13-0001 EW TOOLING INC	US01/46779	PCT NAT'L
TITLE: CONSTANT DIMENSION INSERT CUTTERHEAD WITH REG			
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25AP2003 PERIOD PCT	E240.13-0001 EW TOOLING INC	US01/46779	NATIONAL PHASE EXTENSION
TITLE: CONSTANT DIMENSION INSERT CUTTERHEAD WITH REG			
<hr/>			
28AP2003	X 04.312-0001 XENOBIOSIS	09/719901	AMN DUE FINAL
TITLE: EXTRACTION METHOD PHARMACEUTICAL COMPOSITION			
<hr/>			
10MY2003	B 87.312-0026 HERRMANN-TRENTEPOHL BOCKHORN I	10/056898	2 MO FINAL
TITLE: VEHICLE WITH FRAME SUPPORT			
<hr/>			
13MY2003	S644.312-0003 SUBTERRA LIMITED	420086	EXPIRES
TITLE: JOINING TUBULAR MEMBERS			
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14MY2003	S828.312-0012 CABINET PATRICE VIDON	09/538403	RESPONSE DUE
TITLE: DYNAMIC MANAGEMENT PROCESS FOR CALL FORWARDIN			
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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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16MY2003	W399.12-0006 WINSOR ENTERTAINMENT CORPORATION	60/403977	REVIEW FOR USA FILING
	TITLE: STREEK		
<hr/>			
21MY2003	S803.312-0007 SVEDALA INC - TRELLEX AB	09/972835	AMEND DUE
	TITLE: SCRAPER BLADE ESPECIALLY CONVEYOR BELT SCRAPE		
<hr/>			
24MY2003	B774.312-0002 LOS & STIGTER	10/373422	IDS DUE
	TITLE: METHOD OF INACTIVIATING VIRUSES		
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25MY2003	B774.312-0001 LOS & STIGTER	09/720632	AMN DUE FINAL
	TITLE: METHOD OF INACTIVIATING VIRUSES		
<hr/>			
27MY2003	S828.312-0015 CABINET PATRICE VIDON	09/546449	AMEND DUE
	TITLE: METHOD FOR PROVIDING A SERVICE SELECTION TO A		
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29MY2003	W337.12-0016 THERMO SOLUTIONS	60/406859	REVIEW FOR USA FILING
	TITLE: THERMALLY INSULATED CONTAINER WITH PCM SEED L		

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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30MY2003	M913.12-0001 Millennium Medical Technologies	10/160470	FF LAST DAY
TITLE: FIXATOR WITH OUTRIGGER			
<hr/>			
30MY2003	M913.13-0001 Millennium Medical Technologies		Application Deadline
TITLE: FIXATOR WITH OUTRIGGER			
<hr/>			
01JE2003	S828.312-0002 CABINET PATRICE VIDON	09/332489	2 MO FINAL
TITLE: PROCESS FOR MAKING REMOTE PAYMENTS FOR THE PU			
<hr/>			
03JE2003	A814.312-0001 Accton Technology Corporation	10/162014	FF LAST DAY
TITLE: MULTI-FUNCTION CLIP			
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03JE2003	A814.312-0002 Accton Technology Corporation	10/162471	FF LAST DAY
TITLE: FLEXIBLE FAN MODULE			
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03JE2003	M913.12-0006 Millennium Medical Technologies	10/233897	FF LTR DUE
TITLE: OUTRIGGER FOR BONE FIXATOR			
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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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03JE2003	W399.12-0005 WINSOR ENTERTAINMENT CORPORATION	10/246296	FF LAST DAY
TITLE: PORTABLE SELF-CONTAINED GAME			
<hr/>			
04JE2003	A801.12-0001 ADVANCED CONTROLLED ELECTROMECHANIC	09/573742	LAST DAY FINAL
TITLE: PROCESS FOR CONTROLLING THE MANUFACTURING OF			
<hr/>			
04JE2003 Reconsideration	H422.12-0007 HEINZEN RALPH	09/089580	Request for
TITLE: SELF MONITORING MECHANICAL SEAL			
<hr/>			
05JE2003	P439.12-0003 The Protomold Company, Inc.	10/325286	FF LAST DAY
TITLE: AUTOMATED QUOTING OF MOLDS AND MOLDED PARTS			
<hr/>			
07JE2003	S828.312-0014 CABINET PATRICE VIDON	09/540961	AMEND DUE
TITLE: TELEPHONE TERMINAL REMOVABLE DATA MEDIUM PROV			
<hr/>			
09JE2003	M913.12-0001 Millennium Medical Technologies	10/160470	2 MO FINAL
TITLE: FIXATOR WITH OUTRIGGER			
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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 7

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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09JE2003	Z 50.312-0001 China Science (Zhengyu Zhang)	09/865029	ISSUE FEE DUE
TITLE: AUTOMATIC SEMI-CONDUCTOR CONDENSATE FLOWER-WA			
<hr/>			
10JE2003	A227.12-0056 ACE ORTHOPEDIC MANUFACTURING	09/575764	AMEND DUE
TITLE: NON-METAL SPACERS FOR INTRAMEDULLARY NAIL			
<hr/>			
10JE2003	B 87.312-0026 HERRMANN-TRENTEPOHL BOCKHORN	10/056898	AMN DUE FINAL
TITLE: VEHICLE WITH FRAME SUPPORT			
<hr/>			
11JE2003 Reconsideration	H422.12-0006 HEINZEN RALPH	09/090056	Request for
TITLE: SELF MONITORING STATIC SEAL			
<hr/>			
12JE2003	W337.12-0014 THERMO SOLUTIONS	60/388424	FF LAST DAY
TITLE: VARIATIONS ON THERMAL INSULATING PANELS AND C			
<hr/>			
12JE2003	W337.12-0014 THERMO SOLUTIONS	60/388424	EXPIRES
TITLE: VARIATIONS ON THERMAL INSULATING PANELS AND C			
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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 8

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
13JE2003	S828.312-0007	09/421209	AMEND DUE

CABINET PATRICE VIDON

TITLE: PROCESS FOR ACCESS TO A SERVICE SERVER FROM A

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17JE2003	E227.312-0012	09/786065	AMEND DUE
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ELEKTA AB

TITLE: COLLIMATOR FOR RADIOTHERAPY APPARATUS

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25JE2003	M755.12-0013	10/078734	ISSUE FEE DUE
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MAMAC SYSTEMS

TITLE: THERMOWELL ADAPTER

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25JE2003	M755.12-0013	10/078734	DRAWINGS
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MAMAC SYSTEMS

TITLE: THERMOWELL ADAPTER

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26JE2003	S841.312-0003	09/935913	ISSUE FEE DUE
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SILICON INTEGRATED SYTEMS CORP

TITLE: MULTI-LAYERED SUBSTRATE WITH A BUILT-IN CAPAC

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26JE2003	S841.312-0003	09/935913	DRAWINGS
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SILICON INTEGRATED SYTEMS CORP

TITLE: MULTI-LAYERED SUBSTRATE WITH A BUILT-IN CAPAC

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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 9

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JDS

ACTION DATE	K&L FILE NO	App No	Action Description
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27JE2003	B784.312-0001	10/017734	AMEND DUE
	Beijing Polytechnic University		

TITLE: POWER SEMICONDUCTOR SWITCHING DEVICES WITH LO

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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
24MR2003	W232.12-0008 INSTY*BIT INC	09/523642	AMEND DUE

TITLE: CHUCK ADAPTOR

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28MR2003	C563.12-0001 V.H. Cooper & Co., Inc.,	10/400767	FF LAST DAY
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TITLE: METHOD FOR MAKING A FOWL WING CUT AND THE RES

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02AP2003	M519.12-0015 MINNESOTA MINING AND MANUFACTURING	09/821341	LAST DAY FINAL
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TITLE: METHOD AND APPARATUS FOR KNURLING A WORKPIECE

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06AP2003	H550.13-0112 HORTON INC	39986/99	RESPONSE DUE
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TITLE: ROTATIONAL CONTROL APPARATUS

---

13AP2003	M528.12-0016 MINNESOTA MINING AND MANUFACTURING	09/225886	AMN DUE FINAL
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TITLE: TAPE ROLL LINER/TAB APPLICATION APPARATUS AND

---

14AP2003	B745.12-0001 BATEMAN DON	09/549484	DRAWINGS
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TITLE: COMBINATION SNOWPLOW AND BUCKET

## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 2

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
22AP2003	B787.13-0001	00	NATIONAL PHASE EXTENSION

PERIOD PCT

Bercom International, LLC

TITLE: PAINT HOLDER WITH ADJUSTABLE FLEXIBLE STRAP\H

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22AP2003	B787.13-0001	00	EXAM DUE
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Bercom International, LLC

TITLE: PAINT HOLDER WITH ADJUSTABLE FLEXIBLE STRAP\H

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30AP2003	F386.13-0006	98925236.6	RESPONSE DUE
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James Farrell

TITLE: APPARATUS AND METHOD FOR MAKING FROZEN DRINKS

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03MY2003	B787.12-0003	09/961090	2 MO FINAL
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Bercom International, LLC

TITLE: HAND-HELD VESSEL

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07MY2003	B787.12-0007	29/170507	FF LAST DAY
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Bercom International, LLC

TITLE: LINER FOR HAND-HELD VESSEL

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07MY2003	F386.13-0006	98925236.6	RESPONSE DUE
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James Farrell

TITLE: APPARATUS AND METHOD FOR MAKING FROZEN DRINKS



## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 3

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
14MY2003	F386.13-0003 James Farrell	2324503	EXAM REMIND

TITLE: CUTTING DEVICE AND METHOD FOR CUTTING MATERIA

---

21MY2003	M550.12-0019 MINNESOTA MINING AND MANUFACTURING	10/054502	AMEND DUE
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TITLE: SHARP GRADIENT ELECTROSTATIC COATING ASSIST

---

28MY2003	K182.12-0023 KILTIE CORPORATION\VERSA-LOK	10/230025	FF LTR DUE
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TITLE: MODULAR SEGMENTED RETAINING WALL

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29MY2003	F386.13-0008 James Farrell	2290962	EXAM DUE
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TITLE: APPARATUS AND METHOD FOR MAKING FROZEN DRINKS

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29MY2003	F386.13-0009 James Farrell	11-501056	EXAM REMIND
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TITLE: APPARATUS AND METHOD FOR MAKING FROZEN DRINKS

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02JE2003	M550.12-0011 3M Innovative Properties Company		Application Deadline
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TITLE: ELASTIC MEMBER AND PAPER FEEDING ROLLER USING

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
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03JE2003	B787.12-0003 Bercom International, LLC	09/961090	AMN DUE FINAL
	TITLE: HAND-HELD VESSEL		
<hr/>			
03JE2003	M512.12-0026 MINNESOTA MINING AND MANUFACTURING	10/206113	AMEND DUE
	TITLE: ELECTROSTATIC COATING		
<hr/>			
06JE2003	P 46.12-0002 PESTA RICHARD K	872412	EXPIRES
	TITLE: BASEBALL HAT		
<hr/>			
07JE2003	M541.12-0009 MINNESOTA MINING AND MANUFACTURING	00	IDS DUE
	TITLE: AIR LINE REGULATOR/CHECK VALVE		
<hr/>			
12JE2003	E251.12-0001 Ecysis, Inc.	60/388389	FF LAST DAY
	TITLE: SYSTEM AND METHOD FOR FACILITATING TRANSACTIO		
<hr/>			
12JE2003	E251.12-0001 Ecysis, Inc.	60/388389	EXPIRES
	TITLE: SYSTEM AND METHOD FOR FACILITATING TRANSACTIO		
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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 5

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
13JE2003	M507.12-0015 MINNESOTA MINING AND MANUFACTURING	09/808128	AMEND DUE
TITLE: MICROSTRUCTURED SEGMENTED ELECTRODE FILM FOR			
<hr/>			
22JE2003	W438.12-0001 WMH CONSULTING INC	10/297107	MISSING PARTS DUE
TITLE: ARCHITECTURAL PANEL FABRICATION SYSTEM			
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24JE2003	W232.12-0008 INSTY*BIT INC	09/523642	LAST DAY
TITLE: CHUCK ADAPTOR			
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25JE2003	H550.12-0043 HORTON INC	29/167739	ISSUE FEE DUE
TITLE: FRICTION DISK FOR FAN CLUTCH			
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25JE2003	H550.12-0043 HORTON INC	29/167739	DRAWINGS
TITLE: FRICTION DISK FOR FAN CLUTCH			
<hr/>			
26JE2003	M550.12-0010 3M Innovative Properties Company	00	IDS DUE
TITLE: SHEET FEED ASSEMBLY AND SHEET SEPARATING ASSE			
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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JLY

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
29JE2003	K182.13-0008	2313062	EXAM REMIND
	KILTIE CORPORATION\VERSA-LOK		

TITLE: MODULAR SEGMENTED RETAINING WALL

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29JE2003	K182.13-0010	2313061	EXAM REMIND
	KILTIE CORPORATION\VERSA-LOK		

TITLE: BLOCK MODULE

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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: JMW

ACTION DATE	K&L FILE NO	App No	Action Description
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24MY2003	D402.12-0001	29/176572	IDS DUE

Douglas Orin Deel

TITLE: DECKING MEMBER

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24MY2003	D402.12-0001	29/176572	FF LTR DUE
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Douglas Orin Deel

TITLE: DECKING MEMBER

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18JE2003	S 51.12-0045	10/391147	IDS DUE
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SCHWING AMERICA INC

TITLE: CEMENT MIXING TRUCK ANTI-ROLLOVER SYSTEM

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24JE2003	S 51.12-0047	10/253978	FF LTR DUE
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SCHWING AMERICA INC

TITLE: FOLD-OVER CHUTE SAFETY DEVICE

## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: MDL

ACTION DATE	K&L FILE NO	App No	Action Description
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08MY2003	D377.13-0001 KHANH DINH	US02/00407	PCT REMIND
TITLE: ENERGY EFFICIENT TOBACCO CURING AND DRYING SY			
<hr/>			
16MY2003	R636.12-0001 Kathleen O. Reynolds	10/147374	FF LAST DAY
TITLE: PLANT MOBILIZER			
<hr/>			
20MY2003	I 69.12-0587 SEAGATE TECHNOLOGY, LLC		DRAFT TO CLIENT?
TITLE: HARD DRIVE ACTUATOR ARM WITH REDUCED SKEW VAR			
<hr/>			
23MY2003 PCT CH II	O119.13-0020 OSMONICS	US02/33924	FILE DEMAND FOR PRE EXAM
TITLE: THREE-DIMENSIONAL NON-WOVEN MEDIA			
<hr/>			
23MY2003	O119.13-0020 OSMONICS	US02/33924	CH 2 DUE
TITLE: THREE-DIMENSIONAL NON-WOVEN MEDIA			
<hr/>			
26MY2003	D377.12-0002 KHANH DINH	10/041255	AMEND DUE
TITLE: ENERGY EFFICIENT TOBACCO CURING AND DRYING SY			
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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 2

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: MDL

ACTION DATE	K&L FILE NO	App No	Action Description
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10JE2003	I 69.12-0493 SEAGATE TECHNOLOGY, LLC	09/892173	AMEND DUE

TITLE: ASYMMETRIC TAPERED AIR BEARING SLIDER

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12JE2003	A174.12-0014 AEROMIX SYSTEMS INCORPORATED	09/927152	AMEND DUE
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TITLE: HORIZONTAL SURFACE AERATOR

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16JE2003	R636.12-0001 Kathleen O. Reynolds	10/147374	ISSUE FEE DUE
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TITLE: PLANT MOBILIZER

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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: MJP

ACTION DATE	K&L FILE NO	App No	Action Description
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26JE2003	H531.12-0011	10/042649	AMEND DUE
	HEALTH & TECHNOLOGY INC		

TITLE: SEGMENTED FACE MASK AND SCREEN

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## MASTER FILE REPORT

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9 41

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1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: MRR

ACTION DATE	K&L FILE NO	App No	Action Description
02AP2003	C569.12-0001	60/393143	REVIEW FOR USA FILING

CMS Catalog Marketing Services

TITLE: CIRCULATION OPTIMZATION METHOD

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30JE2003	I 69.12-0554	60/414774	REVIEW FOR USA FILING
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SEAGATE TECHNOLOGY, LLC

TITLE: A NEW TURBO DECODER ARCHITECTURE WITH MINI-TR

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30JE2003	I 69.12-0555	60/414803	REVIEW FOR USA FILING
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SEAGATE TECHNOLOGY, LLC

TITLE: A NEW ITERATIVE DECODING OF REED-MULLER CODES

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
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05SE2002	LL11.13-0085 LAND O'LAKES INC	515241	RESPONSE DUE
TITLE: METHOD AND COMPOSITION FOR ENHANCING MILK PRO			
<hr/>			
09OC2002 PCT CH II	LL11.13-0090 LAND O'LAKES INC	US02/07268	FILE DEMAND FOR PRE EXAM
TITLE: METHOD OF FEEDING A RUMINANT			
<hr/>			
09OC2002	LL11.13-0090 LAND O'LAKES INC	US02/07268	CH 2 DUE
TITLE: METHOD OF FEEDING A RUMINANT			
<hr/>			
17OC2002	LL11.13-0094 LAND O'LAKES INC	518419	Dec/Auth
TITLE: METHOD OF FORMING A BUTTER/MARGARINE BLEND			
<hr/>			
22DE2002	LL11.12-0077 LAND O'LAKES INC		PCT NAT'L
TITLE: METHOD FOR IMPROVING MEMBRANE PROCESSING OF W			
<hr/>			
31JA2003	LL11.13-0088 LAND O'LAKES INC	2384590	EXAM REMIND
TITLE: PROCESSES FOR MAKING PROTEIN HYDROLYSATES FRO			
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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 2

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
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13FE2003	LL31.13-0006	US02/25735	CH 2 REMIND
	LOL (LL31) Purina Mills and Purdue		
	TITLE: BOVINE LEPTIN PROTEIN ANTISENSE AND ANTIBODY		
<hr/>			
13MR2003	LL31.13-0006	US02/25735	FILE DEMAND FOR PRE EXAM
PCT CH II	LOL (LL31) Purina Mills and Purdue		
	TITLE: BOVINE LEPTIN PROTEIN ANTISENSE AND ANTIBODY		
<hr/>			
13MR2003	LL31.13-0006	US02/25735	CH 2 DUE
	LOL (LL31) Purina Mills and Purdue		
	TITLE: BOVINE LEPTIN PROTEIN ANTISENSE AND ANTIBODY		
<hr/>			
10AP2003	LL11.13-0093	00988465.1	CERTIFIED COPY DUE
	LAND O'LAKES INC		
	TITLE: METHOD OF FORMING A BUTTER/MARGARINE BLEND		
<hr/>			
13AP2003	LL11.12-0090	00	IDS DUE
	LAND O'LAKES INC		
	TITLE: FOOD COMPOSITIONS INCLUDING RESISTANT STARCH		
<hr/>			
22AP2003	LL11.12-0096	10/349743	IDS DUE
	LAND O'LAKES INC		
	TITLE: METHOD AND COMPOSITION FOR IMPROVING THE HEAL		

## MASTER FILE REPORT

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05MY2003 9 41 PAGE: 3

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
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03MY2003	LL11.12-0073 LAND O'LAKES INC	09/392243	REPLY BRIEF DUE
TITLE: PROCESSES FOR MAKING PROTEIN HYDROLYSATES FRO			
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10MY2003	B372.12-0010 BEDFORD INDUSTRIES INC	09/613199	2 MO FINAL
TITLE: WIRELESS POLYMERIC TWIST TIE			
<hr/>			
12MY2003	A351.12-0002 AERO DESIGN & MANUFACTURING CO INC	09/787497	AMEND DUE
TITLE: IMPACT ABSORBING COMPOSITE			
<hr/>			
12MY2003 EXAMINATION	LL11.13-0095 LAND O'LAKES INC	24672/01	DIRECTION TO REQUEST
TITLE: METHOD OF FORMING A BUTTER/MARGARINE BLEND			
<hr/>			
16MY2003	LL11.12-0054 LAND O'LAKES INC	10/222262	FF LTR DUE
TITLE: METHOD OF FORMING A NON-FRACTIONATED ROOM TEM			
<hr/>			
20MY2003	LL11.12-0040 LAND O'LAKES INC	09/239873	AMEND DUE
TITLE: METHOD AND COMPOSITION FOR ENHANCING MILK COM			
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## MASTER FILE REPORT

PCMASTER REPORTER

05MY2003 9 41 PAGE: 4

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: PFF

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
21MY2003	LL11.12-0082 LAND O'LAKES INC	10/372048	IDS DUE

TITLE: METHOD OF PREPARING A MILK POLAR LIPID ENRICH

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25MY2003	F351.12-0001 PHILIP F FOX	09/502701	2 MO FINAL
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TITLE: ICE FISHING TACKLE STORAGE APPARATUS

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10JE2003	B372.12-0010 BEDFORD INDUSTRIES INC	09/613199	AMN DUE FINAL
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TITLE: WIRELESS POLYMERIC TWIST TIE

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21JE2003 FILED	LL11.13-0103 LAND O'LAKES INC	US03/05134	PRIORITY DOCUMENT TO BE
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TITLE: METHOD OF PREPARING A MILK POLAR LIPID ENRICH

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25JE2003	F351.12-0001 PHILIP F FOX	09/502701	AMN DUE FINAL
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TITLE: ICE FISHING TACKLE STORAGE APPARATUS

## MASTER FILE REPORT

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: PGK

ACTION DATE	K&L FILE NO	App No	Action Description
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27AP2003	I 69.12-0552 SEAGATE TECHNOLOGY, LLC	10/271954	2 MO FINAL
TITLE: PLANAR WRITER FOR MERGED GMR RECORDING HEAD			
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27MY2003	I 69.12-0552 SEAGATE TECHNOLOGY, LLC	10/271954	AMN DUE FINAL
TITLE: PLANAR WRITER FOR MERGED GMR RECORDING HEAD			
<hr/>			
17JE2003	I 69.12-0447 SEAGATE TECHNOLOGY, LLC	09/553523	2 MO FINAL
TITLE: IN-PLANE SUSPENSION-LEVEL BENDING MICROACTUAT			
<hr/>			
30JE2003	I 69.12-0480 SEAGATE TECHNOLOGY, LLC	09/664270	AMEND DUE
TITLE: RECORDING HEAD WITH THROAT HEIGHT DEFINED BY			
<hr/>			
30JE2003	I 69.12-0553 SEAGATE TECHNOLOGY, LLC	60/414844	REVIEW FOR USA FILING
TITLE: SUPPRESSION OF THERMALLY ACTIVATED MAGNETIZAT			
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MASTER FILE REPORT

05MY2003 9 41 PAGE: 1

PCMASTER REPORTER

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: PJI

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
27MY2003	LL11.12-0085 LAND O'LAKES INC	60/406269	REVIEW FOR USA FILING

TITLE: METHOD OF MAKING A SPREADABLE BUTTER-LIKE PRO

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## MASTER FILE REPORT

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: PPK

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
02FE2003	N 95.13-0025 NOW TECHNOLOGIES INC	2000-7008460	EXAM REMIND
TITLE: LIQUID CHEMICAL DISPENSING SYSTEM			
<hr/>			
19FE2003	N 95.13-0021 NOW TECHNOLOGIES INC	99-7008159	EXAM DUE
TITLE: LIQUID CHEMICAL DISPENSING SYSTEM WITH SENSOR			
<hr/>			
21JE2003	R383.12-0010 REELL PRECISION MANUFACTURING	10/092165	2 MO FINAL
TITLE: INPUT ENGAGING CLUTCH			
<hr/>			
26JE2003	I 69.12-0489 SEAGATE TECHNOLOGY, LLC	09/852197	AMEND DUE
TITLE: SHIELD AND POLES ON MAGNETORESISTIVE HEAD FOR			
<hr/>			
26JE2003	M922.12-0001 Daniel W. Moffatt	60/391838	EXPIRES
TITLE: FINGERSTEPS PERFORMANCE AND COMPOSITION WORKS			
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26JE2003	M922.12-0001 Daniel W. Moffatt	60/391838	FF LAST DAY
TITLE: FINGERSTEPS PERFORMANCE AND COMPOSITION WORKS			
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## MASTER FILE REPORT

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05MY2003 9 41 PAGE: 2

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: PPK

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
26JE2003	N305.12-0002	60/391853	FF LAST DAY
	Nextech International		

TITLE: SURFACE MOUNTED DIE CAST SHIELDING

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26JE2003	N305.12-0002	60/391853	EXPIRES
	Nextech International		

TITLE: SURFACE MOUNTED DIE CAST SHIELDING

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05MY2003 9 41 PAGE: 1

PCMASTER REPORTER

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: SLR

ACTION DATE	K&L FILE NO	App No	Action Description
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05JE2003	T380.12-0001 Techtron Engineering, Inc.	10/106663	AMEND DUE

TITLE: INDOOR AIR QUALITY TEST APPARATUS

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## MASTER FILE REPORT

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
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05DE2002	C348.13-0064 CREATIVE INTEGRATION&DESIGN INC	9-522838	EXAM REMIND
	TITLE: DILATOR PEEL FORCE REDUCTION		
<hr/>			
22DE2002	C348.13-0009 CREATIVE INTEGRATION&DESIGN INC	511636/92	BACK TAXES TO BE PAID
	TITLE: NASAL DILATOR		
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10AP2003	C348.13-0045 CREATIVE INTEGRATION&DESIGN INC	34747	EXAM DUE
	TITLE: DILATOR PEEL FORCE REDUCTION		
<hr/>			
13AP2003	R193.13-0008 ROSS-HIME DESIGNS INC	507348/92	RESPONSE DUE
	TITLE: MINIATURE LINEAR ACTUATOR		
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19AP2003	C348.13-0036 CREATIVE INTEGRATION&DESIGN INC	96944225.0	RESPONSE DUE
	TITLE: DILATOR PEEL FORCE REDUCTION		
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27AP2003	A789.13-0001 A.C.T. ELECTRONICS, INC	2307179	EXAM REMIND
	TITLE: SOLID STATE RELAY		
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## MASTER FILE REPORT

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05MY2003 9 41 PAGE: 2

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
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11MY2003	C348.13-0155	2002-256355	FINAL FEE DUE
	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: NASAL DILATOR (BAND SURFACE ADHESIVE TWO BAND		
<hr/>			
13MY2003	R193.13-0008	507348/92	RESPONSE DUE
	ROSS-HIME DESIGNS INC		
	TITLE: MINIATURE LINEAR ACTUATOR		
<hr/>			
31MY2003	R193.13-0018	US02/34949	FILE DEMAND FOR PRE EXAM
PCT CH II	ROSS-HIME DESIGNS INC		
	TITLE: ROBOTIC MANIPULATOR		
<hr/>			
31MY2003	R193.13-0018	US02/34949	CH 2 DUE
	ROSS-HIME DESIGNS INC		
	TITLE: ROBOTIC MANIPULATOR		
<hr/>			
05JE2003	C348.13-0057	97114957.0	FINAL FEE DUE
	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: NASAL DILATOR FABRIC BENEATH RESILIENT STRIP		
<hr/>			
07JE2003	C348.13-0046	97920337.9	FINAL FEE DUE
	CREATIVE INTEGRATION&DESIGN INC		
	TITLE: NASAL DILATOR WITH AREAS OF ADHESIVE ENGAGEME		

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ACTION DATE	K&L FILE NO	App No	Action Description
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07JE2003	C348.13-0151 CREATIVE INTEGRATION&DESIGN INC	02119963.9	RESPONSE DUE
	TITLE: NASAL DILATOR		
<hr/>			
12JE2003	H244.13-0006 HONEYWELL	9917800.6	BACK TAXES TO BE PAID
	TITLE: BIDIRECTIONAL POSITIONING ACTUATOR WITH LIMIT		
<hr/>			
12JE2003	N247.12-0035 NONVOLATILE ELECTRONICS INC	10/041910	AMEND DUE
	TITLE: MAGNETIC DEVICES USING NANOCOMPOSITE MATERIAL		
<hr/>			
17JE2003	C348.13-0056 CREATIVE INTEGRATION&DESIGN INC	97114958.8	RESPONSE DUE
	TITLE: NASAL DILATOR ADHESIVE VOID AREA		
<hr/>			
19JE2003	C348.13-0091 CREATIVE INTEGRATION&DESIGN INC	98122641.8	RESPONSE DUE
	TITLE: NASAL DILATOR PLASTICS TRUSS		
<hr/>			
21JE2003	N247.12-0042 NONVOLATILE ELECTRONICS INC	10/394799	IDS DUE
	TITLE: SUPERPARAMAGNETIC MATERIALS IN MAGNETIC DEVIC		

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: TFN

ACTION DATE	K&L FILE NO	App No	Action Description
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21JE2003	N247.12-0043	10/394950	IDS DUE
	NONVOLATILE ELECTRONICS INC		

TITLE: SPIN DEPENDENT TUNNELING DEVICES HAVING ORANG

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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: UCHE

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
15AP2003	C514.12-0003 Chi's Research Corporation	09/882950	AMEND DUE
TITLE: FUNCTIONAL BAKING			
<hr/>			
17AP2003	A809.12-0002 Annexsys, Incorporated	60/396467	REVIEW FOR USA FILING
TITLE: ENTERPRISE RESOURCE PROCUREMENT SYSTEM AND ME			
<hr/>			
12MY2003	C514.12-0002 Chi's Research Corporation	09/495960	AMN DUE FINAL
TITLE: METHOD OF VEGETABLE PROCESSING			
<hr/>			
13JE2003	M923.12-0001 TLC Precision Wafer Technology, Inc	60/410762	REVIEW FOR USA FILING
TITLE: GAAS MILLIMETER WAVE MONOLITHIC MICROWAVE INT			
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05MY2003 9 41 PAGE: 1

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ZMG

ACTION DATE	K&L FILE NO	App No	Action Description
20MY2003	I 69.12-0584 SEAGATE TECHNOLOGY, LLC		DRAFT TO CLIENT?

TITLE: INCREASED DAMPING WITH COMPOSITE LAMINATE HGA

13JE2003	M507.12-0017 MINNESOTA MINING AND MANUFACTURING	09/805990	AMEND DUE
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TITLE: MICROSTRUCTURES WITH ASSISTING OPTICAL LENSES

25JE2003	P440.12-0002 Polar Fab	10/255561	FF LTR DUE
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TITLE: GUARD RING STRUCTURE FOR REDUCING CROSSTALK A



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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
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21NO2002	LL11.18-0025 LAND O'LAKES INC		APPLICATION MAILED?

TITLE: CONTINUOUS ON-DEMAND MANUFACTURE OF PROCESS C

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21NO2002	LL11.18-0026 LAND O'LAKES INC		APPLICATION MAILED?
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TITLE: CONTINUOUS MANUFACTURE OF PROCESS CHEESE

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17DE2002 PCT CH II	L187.13-0031 LASER MACHINING INC	US02/15938	FILE DEMAND FOR PRE EXAM
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TITLE: METHOD AND APPARATUS FOR IMPROVING LASER HOLE

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17DE2002	L187.13-0031 LASER MACHINING INC	US02/15938	CH 2 DUE
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TITLE: METHOD AND APPARATUS FOR IMPROVING LASER HOLE

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08FE2003	E244.12-0001 Ewert, Terry	09/965550	AMEND DUE
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TITLE: ATHLETIC TORQUE STRAP

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19MR2003	W410.12-0006 WESTAR MFG. CORP	09/522972	AMEND DUE
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TITLE: SAUSAGE LINK LOADER AND METHOD OF USING SAME

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PCMASTER REPORTER

MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
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07AP2003	L187.13-0032	US02/28279	CH 2 DUE

LASER MACHINING INC

TITLE: METHOD OF CREATING EASY-OPEN FOR LOADING CARR

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07AP2003	L187.13-0032	US02/28279	FILE DEMAND FOR PRE EXAM
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PCT CH II

LASER MACHINING INC

TITLE: METHOD OF CREATING EASY-OPEN FOR LOADING CARR

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07AP2003	L187.13-0033	US02/28510	FILE DEMAND FOR PRE EXAM
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PCT CH II

LASER MACHINING INC

TITLE: SYSTEM AND METHOD FOR SYNCHRONIZING A LASER B

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07AP2003	L187.13-0033	US02/28510	CH 2 DUE
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LASER MACHINING INC

TITLE: SYSTEM AND METHOD FOR SYNCHRONIZING A LASER B

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23AP2003	R606.13-0006	40038/99	ACCEPTANCE BY PTO OFFICE
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RIVER VALLEY ENDODONTICS, PA

TITLE: DENTAL ROOT CANAL FILLING RETROFILLING AND PE

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25AP2003	M920.12-0001	10/202808	FF LTR DUE
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John Michelizzi

TITLE: PEN WARMER

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
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08MY2003	E244.12-0001 Ewert, Terry	09/965550	LAST DAY

TITLE: ATHLETIC TORQUE STRAP

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10MY2003	LL11.12-0093 LAND O'LAKES INC	10/342139	MISSING PARTS DUE
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TITLE: CHEESE PRODUCT AND METHOD OF MAKING

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12MY2003	M857.13-0002 Minson Enterprises Co., Ltd	99934	RESPONSE DUE
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TITLE: FOLDABLE SKATEBOARD

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19MY2003	L187.12-0024 LASER MACHINING INC	10/099201	AMEND DUE
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TITLE: DEBRIS REMOVAL APPARATUS FOR USE IN LASER ABL

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19MY2003	R606.13-0004 RIVER VALLEY ENDODONTICS, PA	2334687	EXAM REMIND
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TITLE: DENTAL ROOT CANAL FILLING RETROFILLING AND PE

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28MY2003	K308.13-0004 STEPHAN W. KORSTAD	2331016	EXAM REMIND
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TITLE: COMBUSTION ENHANCER

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
30MY2003	H 03.13-0006 HOMECREST INDUSTRIES INC	2310306	EXAM REMIND

TITLE: CHAIR CONSTRUCTION AND METHOD OF MAKING SAME

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01JE2003	L187.13-0026 LASER MACHINING INC	US01/45214	PCT NAT'L
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TITLE: METHOD FOR MAKING AN EASY OPEN EASY TEAR SEAL

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01JE2003 PERIOD PCT	L187.13-0026 LASER MACHINING INC	US01/45214	NATIONAL PHASE EXTENSION
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TITLE: METHOD FOR MAKING AN EASY OPEN EASY TEAR SEAL

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03JE2003	W445.12-0001 White, Christopher H.	10/162980	FF LAST DAY
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TITLE: SIMPLE DYNAMIC ORTHOSIS

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04JE2003	L187.12-0030 LASER MACHINING INC	60/386009	FF LAST DAY
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TITLE: PROCESS FOR METAL CLADDING USING LASER AND AR

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04JE2003	L187.12-0030 LASER MACHINING INC	60/386009	EXPIRES
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TITLE: PROCESS FOR METAL CLADDING USING LASER AND AR

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
-----	-----	-----	-----
06JE2003	W446.13-0001 West Central Environmental	US02/38633	CH 2 REMIND
TITLE: METHOD AND APPARATUS FOR RECOVERY AND REUSE O			
<hr/>			
10JE2003	B765.12-0002 BRECHET & RICHTER CO		Application Deadline
TITLE: DOUGH ADDITIVE			
<hr/>			
10JE2003	O155.12-0004 OXYFRESH WORLDWIDE INC	60/409481	REVIEW FOR USA FILING
TITLE: CELL PHONE/BREATH ANALYZER			
<hr/>			
11JE2003	R120.12-0026 RESISTANCE TECHNOLOGY INC	09/130039	ISSUE FEE DUE
TITLE: INTELLIMIC M 100 (OMNI/DIRECTIONAL MICROPHONE			
<hr/>			
12JE2003	M857.13-0002 Minson Enterprises Co., Ltd	99934	RESPONSE DUE
TITLE: FOLDABLE SKATEBOARD			
<hr/>			
16JE2003	L187.13-0027 LASER MACHINING INC	US02/03586	PCT REMIND
TITLE: APPARATUS AND METHOD FOR HIGH SPEED LASER PER			
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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
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16JE2003	L187.13-0027	US02/03586	INTERNATIONAL
EXAMINATION REPORT	LASER MACHINING INC		
	TITLE: APPARATUS AND METHOD FOR HIGH SPEED LASER PER		
<hr/>			
18JE2003	M 81.12-0056	09/943794	ISSUE FEE DUE
	MINNESOTA SCIENTIFIC INC		
	TITLE: MULTI-POSITION SPHERICAL RETRACTOR HOLDER		
<hr/>			
18JE2003	M 81.12-0056	09/943794	DRAWINGS
	MINNESOTA SCIENTIFIC INC		
	TITLE: MULTI-POSITION SPHERICAL RETRACTOR HOLDER		
<hr/>			
19JE2003	C458.13-0004	US01/43987	FILE DEMAND FOR PRE EXAM
PCT CH II	CELLTHERAPY INC		
	TITLE: CLOSED STERILE SYSTEM DEVICES AND METHODS		
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19JE2003	C458.13-0004	US01/43987	CH 2 DUE
	CELLTHERAPY INC		
	TITLE: CLOSED STERILE SYSTEM DEVICES AND METHODS		
<hr/>			
19JE2003	W410.12-0006	09/522972	LAST DAY
	WESTAR MFG. CORP		
	TITLE: SAUSAGE LINK LOADER AND METHOD OF USING SAME		

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MAY 2003 - 5TH PATENT DOCKET - ATTORNEY: ZPS

ACTION DATE	K&L FILE NO	App No	Action Description
20JE2003	M 81.12-0059	10/077693	AMEND DUE

MINNESOTA SCIENTIFIC INC

TITLE: METHOD FOR HUMERUS RETRACTION

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20JE2003	M334.12-0001	033607	EXPIRES
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MINNFAC INC

TITLE: FREE STANDING DECK LIGHT

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20JE2003	M334.12-0002	033608	EXPIRES
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MINNFAC INC

TITLE: DESIGN OF A BOLT ON DECK LIGHT

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20JE2003	R120.12-0028	09/538699	AMEND DUE
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RESISTANCE TECHNOLOGY INC

TITLE: VARIOUS DIRECTIONAL/OMNI-DIRECTIONAL HEARING

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24JE2003	M 81.13-0030	02364035.2	FINAL FEE DUE
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MINNESOTA SCIENTIFIC INC

TITLE: APPARATUS FOR RETAINING OTHERWISE HAND-HELD R

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26JE2003	M920.12-0001	10/202808	AMEND DUE
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John Michelizzi

TITLE: PEN WARMER

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